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ROBERTS WALKER

Friend and Partner of Justin DuPratt White (Cornell '90)

Presented to Cornell University

In Memory of That Relationship

by

MR. WALKER'S FAMILY

WHOLESALE PRICES, WAGES,

AND

TRANSPORTATION.

REPORT

BY

MR. ALDRICH,

FROM THE

COMMITTEE ON FINANCE,

MARCH 3, 1893.

PART III.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1893.

851215

Manufacture of the second



EXHIBITS—Continued.

[In certain establishments the payrolls failed to show daily rates for all occupations, hence while most of the establishments here presented are substantially complete, very few are actually so, and some exhibit only leading occupations. The following may be said in explanation of this condition of affairs: Average daily earnings have been given for piece workers where possible, but in many instances no record of time was kept and it was, therefore, impossible to give such earnings. In many of these cases it was also impossible to secure a piece rate, owing to lack of uniformity in the description of the unit during the various years. In addition to these, such occupations as were considered not strictly industrial and in which the rates of pay were very irregular, as officials, clerks, etc., were omitted. In a few instances the condition of the payroll itself made it impossible to secure a complete presentation of certain occupations. The occupations, however, which are given are substantially complete.]

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS.

BALERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of .	Hours per day.	Different employés.	Sex.	Rate	of w	rages.
Jan. 1875	10 10	2 1	M M	\$1, 15½ 1, 35½	per	day.	Jan. 1884	10 10	2 1	M M	\$1.20 1.30	per	day.
Average	10	3	м	1. 22		5.6	Average	10	В	M	1. 231	11	6
July 1875	10 10	2 1	M M	$1.15\frac{1}{2}$ $1.35\frac{1}{2}$	44	11	July 1884	10 10	1 2	M M	1.20 1.30		
Average	10	3	M	1. 22	4.	**	Average	10	3	M	1. 261	"	4
Jan. 1876 July 1876 Jan. 1877	10 10 10	3 3 4	M M M	1. 15½ 1. 15½ 1. 10	6 6 6 6	16 16	Jan. 1885	10 10	2 1	M M	1. 20 1. 30	66	44
July 1877 Jan. 1878	10 10	2 3	M M	1. 10	11	11	Average	10	3	M	1, 23½	4.6	44
July 1878 Jan. 1879 July 1879	10 10 10	3 3 3	M M M	1. 10 1. 10 1. 10	"	11 11	July 1885	10 10	2 2	M M	1. 20 1. 30	44	4
Jan. 1880 July 1880	10 10	3	M	1. 10	**	66	Average	10	4	M	1.25	11	11
Jan. 1881 July 1881	10 10	3 3	M	1. 15 1. 15	66	"	Jan. 1886	10 10	2	M M	1. 20 1. 30	44	44
Jan. 1882	10 10	2 1	M M	1. 15 1. 25	**	4.6	Average	10	3	М	1. 231	4.6	**
Average		3	M	1. 181		**	July 1886	10 10	2 1	M M	1. 20 1. 30	**	44
July 1882	10 10	3	M M	1. 15 1. 25	11	66	Average	10	8	М	1. 231	4.6	44
Average	10	4	M	1.171	44	**	Jan. 1887	10 10	1	M M	1.25 1.30	64	44
Jan. 1883	10	3	M	1. 20	11	44		10	1	M	1.40	1.1	11
	10	1	M	1.30	6.6	44	Average	10	3	M	1.314	14	44
Average	10	` 4	M	$1.22\frac{1}{2}$	"	**	July 1887	10	1	МÌ	1.25	6.6	"
July 1883	10 10	4 1	М Й	1. 20 1. 30	4.6	6 C	2007	10 10	1	M M	1.30 1.40	6.6 6.4	44
Average	10	5	<u>M</u>	1. 22	44	44	Average	10	3	, M	1. 311	* *	4.6

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

DAILER Concluded

BALERS—Concluded.												
Payroll of—	Hours per day.	Different employés.	Sex.	Rate of	wages.	Payroll of	Houre per day.	Different employés.	Sex.	Rate	of wa	ges.
Jan. 1888	10 10 10	2 1 3	M M M	\$1.25 per 1.30 " 1.40 "	day.	Jan. 1890	10 10 10 10	1 1 1	M M M	\$1.20 1.25 1.30 1.40	per da	t.
Average	10	6	М	1, 331 "	. "	Average	<u> </u>	4	м	1. 281	" "	
July 1888	10 10 10	2 2 2	M M M	1. 25 " 1. 30 " 1. 40 "	64 64	July 1890	10 10 10 10	1 1 1	M M M M	1. 20 1. 25 1. 30 1. 40	11 1 11 1 11 1	i.
Average	10	6	M	1.31½ "	4.6	Average	ļ	4	M	1. 281	44 6	
Jan. 1889	10 10 10 10	1 1 1 1	M M M M	1. 20 " 1. 25 " 1. 30 " 1. 40 "	61 64 66 66	Jan. 1891	10 10 10 10	1 2 2 1	M M M	1. 20 1. 25 1. 27 1. 40	66 61 66 61	
Average	10	4	м	1. 281 "		Average		6	M	1. 271	65 44	
July 1889	10 10 10 10	1 2 1 1	M M M M	1, 20 " 1, 25 " 1, 30 " 1, 40 "	64 66 66	July 1891	10 10 10 10	1 1 2 1	M M M M	1. 20 1. 25 1. 27 1. 40	66 61 66 61 66 61	
Average	10	5	М	1. 28 "	"	Average	10	5	M	1. 28	44 44	
July 1873	11	1	м	2.50 per	BLACK	Jan. 1883	10	1	м	2. 25	per da	v.
Jan. 1874 July 1874 July 1875 July 1875 July 1875 July 1876 July 1876 July 1877 July 1877 Jan. 1878 July 1878 July 1879 July 1879 July 1879 July 1889 July 1889 July 1889 July 1881 July 1881 July 1881	11 11 10 10 10 10 10 10 10 10 10 10 10 1	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M M M M	2.50 44 2.62 44 2.55 4	11 11 11 11 11 11 11 11 11 11 11 11 11	July 1883 Jan. 1884 July 1884 July 1884 July 1885 July 1885 July 1886 July 1886 July 1887 July 1887 July 1888 July 1888 July 1888 July 1888 July 1889 Jan. 1890 July 1890 July 1890 July 1890	10 10 10 10 10 10 10 10 10 10 10 10 10 1	111111111111111111111111111111111111111	M M M M M M M M M M M M M M M M M M M	2, 25 2, 25 2, 25 2, 20 2, 20 2, 20 2, 40 2, 50 2, 25 2, 25	per da:	
				BLAC	KSMITH	(S' HELPEI	RS.					
July 1873 Jan. 1874 July 1874 Jan. 1875 July 1875 Jan. 1875 Jan. 1876 Jan. 1877 July 1877 Jan. 1878 July 1878 Jan. 1899 Jan. 1880 Jan. 1880 July 1880 Jan. 1881 July 1881 July 1881	11 11 10 10 10 10 10 10 10 10 10 10 10 1	1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M M M M M M M M	1.50 per 1.50 1.40 1.40 1.50 1.50 1.50 1.50 1.50 1.50 1.60 1	day.	July 1882 Jan. 1883 July 1883 Jan. 1884 July 1884 Jan. 1886 July 1886 Jan. 1887 Jan. 1887 July 1885 July 1888 July 1888 July 1888 July 1889 July 1889 July 1890 July 1890	10 10 10 10 10 10 10 10 10 10 10 10 10 1	111111111111111111111111111111111111111	M M M M M M M M M M M M M	1. 60 1 1. 60 1 1. 25 1. 25 1. 25 1. 50 1. 60 1. 60 1. 60 1. 60 1. 60 1. 60 1. 60 1. 60 1. 60 1. 60 1. 60 1. 60 1. 60	per da;	

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

CARD GRINDERS.

Payroll of—	Hours per day.	Differents employés.	Sex.	Rate	of wage	s.	Payroll of	Hours per day	Different employés.	Sex.	Rate	of w	ages.
July 1842	13 13	1 1	M M	\$0.80 .91 <u>\}</u>	per day	.	July 1850	13 13	1	M M	\$0. 75 . 91	Per	day.
Average	13	2	M	. 851	16 44		Average	13	2	М	. 83	44	44
Jan. 1843	13	2	М	. 911	11 66		Jan. 1851	13	1	м	. 80	4.6	44
July 1843	13 13	1	M M	.76	11 11			13	1	M	. 91	4.6	44
	13 13	1 1	M	1.00		I	Average	. 13	2	M	. 851	44	44
Average		4	M	. 87			July 1851	13	1 1	M M	. 75	66	44
Jan. 1844	13	1	м	.80	44 44	i	Average	13	2	М	. 83	14	44
	13	1	<u>M</u>	. 87			Jan. 1852	13	2	м	. 91	11	44
Average		2	M	. 831			July 1852	13	1	м	. 64	14	44
July 1844	13 13	1	M	. 85	.1 44	l		13 13	1 1	M	.91 1.00	6 6 5 4	14
Average	13	• 2	M.	.88			Average	13	3	м	. 85	4.6	44
Jan. 1845	13 13	1	M M	.85	44 44		Jan. 1853	13 13	1 2	M	. 67	44	44
Average		2	M	. 88				13 13	1	M	. 83 1. 16	44	14
July 1845	13	1	м	. 75	66 66		Average	13	5	М	. 83	44	4.6
	13 13	1 1	M M	.85 .91			July 1853	13 13	1	M	.91 1.00	44	44
Average	13	3	м	. 831	11 11		Average		2	M	. 95h	44	*44
Jan. 1846	13 13	1 1	M M	.78 .91	44 44		Jan. 1854	13	1	м	. 75	44	"
Average	13	2	м	. 841				13	3	M	1.00		
July 1846	13 13	1	M M	. 78	16 66		Average July 1854	13 13	2	M	.913	6.6	44
Average		2	M	. 843			0 41,9 1003	13	1	M	1.00	1 5	4.6
Jan. 1847	13	1	м	. 75			Average		3	M	. 94		44
	13 13	1	M	.80	46 46		Jan. 1855	13 13	2 3	M	1.00	64	**
Average	13	3	М	. 82			Average	13	5	М	. 85 <u>1</u>		14
July 1847	13 13	1 1	M	. 77	, ,, ,,		July 1855	13	1	M	. 64	66	"
Average	13	2	М	. 824				13	2	M	1.00		1.6
Jan. 1848		2	м	. 91			Average	1	4	M	. 883		44
July 1848	13 13	1	M	. 75	16 66		July 1858	13 13	1 1	M	.70	14	14
	13	i	M	. 91	66 66		Average	13	2	M	. 81	44	44
Average	13	3	M	. 83	41 11	İ	Jan. 1859	13 13	1 1	M	.75	44	6 6 6 6
Jan. 1849	13 13	1 1.	M	.83	44 44		Average	*	2	м	. 831	16	44
Average	13	2	м	. 87			July 1859	13	1 1	M M	.75 .92	44	64
July 1849	13 13	1	M	.75	44 44		Average	13	2	- M	. 83 ½		44
Average		2	М	. 81	-		Jan. 1860	13	2	м	. 83	66	**
Jan. 1850	13	1	м	. 87			July 1860	13	1 1	MM	. 83 1. 00	44	44
Average	13	1 2	M	, 91	-		Average		2	M	. 91		**
T Antuck	-1 10				•				_		-		

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued CARD GRINDERS—Continued.

				UA	.ED	GRIA	DERS-CORU	mueir.						
Payroll of -	Hour per day.	Differen employé		Rate	e of	wages	Payroll of—	Hours per day.	Differ employ			Rat	e of	wage
Jan. 186	1 13 13		ı M M	\$0.83 1.00	per	r day.	Jan. 1872	11 11		1 2	M M	\$1.08 1.67	pe	r day.
Averag	ge 13	2	2 M	. 91½	64	4.6	Average	11		3	M	1.47	. "	41
July 186	1 13 13	3		. 83 1. 00	4.6	"	July 1872	11 11		1 2	M M	1. 08 1. 67	€6	
Averag		2	M	.915	4.4	44"	Average	11	i —	3	M	1. 47	. "	46
Jan. 1862	12	1 2		1.00	.1	""	Jan. 1873	11		1 2	M M	1. 08 1. 67	**	"
Averag	1	3	M	. 941	4.6	1.4	Average			3	M	1.474		"
July 1862	12 12 12	, 1 , 1	M M M	.67 .91 1.00	6 4 6 6	6 E	July 1873	11 11		1 2	M M	1. 25 1, 67	44	"
A.verage	12	3	M	. 86	14	6.4	Average	11		3	м	1.53	66	66
Jan. 1863	12 12	. 1	MM	. 83 1. 00	"	"	Jan. 1874	11		2	м	1.42	41	44
Average	12	2	М	. 911	44	66	Fuly 1874	11 11		1	M	1. 35 1. 42	64	"
July 1863	12 12	1	M M	. 83 1. 00	64 66	44	Average	11		2	М	1.381	44	"
Average	12	2	M.	. 911	e t	44 *	Jan. 1875	10		2	M.	1. 26½ 1. 36½	64 63	66
Jan. 1864 July 1864	12 12	2 1	M M	1. 25 1. 33	**	6 i	Average	10		3	M	1.33	44	44
Jan. 1865 July 1865	12 12	1 2	M	1. 33 1. 67	44	**	July 1875	10 10		1	M M	1. $26\frac{1}{2}$ 1. $36\frac{1}{2}$	**	44
Jan. 1866	12 12	1 1	M	1.60 1.75		44	Average	10		2	М	1 311	46	44
Average	12	2	м	1.671		44	Jan. 1876	10 10		1	M M	1.26½ 1.36½	86	66 86
July 1866	12 12	1 1	M M	1.50 1.68	44	t r t r	Average	10		2		1.311	64	"
Average	12	2	M	1. 59		44	July 1876 Jan. 1877	10 10		2		1. 30 1. 25	14	44
Jan. 1867	12 12	1 1		1. 50 1. 67	14	11	July 1877 Jan. 1878 July 1878 Jan. 1879	10 10 10	-	2	M	1. 25 1. 25 1. 30	66	66 66 86
Average	12	2	M.	1.581	4.6	6.6	July 1879	10	5	3	M	l. 40 l. 40	44	64
July 1867 Jan. 1868	12 11	2 2		1.58 1.41		44	Jan. 1880 July 1880	10	4			l. 40 l. 40	**	44
July 1868 Jan. 1869	11	3 2	M	t. 58 L. 58		66	Jan. 1881	10 10	4	. 1		l. 40 l. 50	14	44
July 1869	- 11 11	1 2				6.6 6.6	A verage	10:	5	-	M 1	. 42	4.6	44
Average	11	3	M. 1	. 44	6.6		July 1881	10. 10	3 2			. 40 . 50	44	44
Jan. 1870	11 11	1 2		. 10			Average	10	5]		. 44	14	44
Average	11	3	М 1	. 44	(Jan. 1882	10 10	3 1			- 00	44	44
July 1870	11	3	M	. 67			Average	10	4	-	VI 1	. 511	44	44
Jan. 1871	11 11	1 2		. 10			July 1882	10 10	3 1		W 1	. 50		44
Average	11	3	M 1	. 50		1	Average	10	4	7	4 1	. 51 1		`
July 1871	11 11	1 2	M 1	67	16 6	•	Jan. 1883	10 10	3 1	y	<u>a</u> 1	. 50		66 46
Average.	11	g	м 1	. 50 '	4 4	ار ۱	Average	10	4	7	1 1	511	14	• •

COTTON GOODS: ESTABLISHMENT No. 39; MASSACHUSETTS—Continued. CARD GRINDERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages
July 1883	10 10	3 1	M M	\$1.50 1.55	per	day.	July 1887	10 10	3 1	M M	\$1,35 1,55	per	day.
Average	10	4	M	1. 511	- 44	4.6	Average	10	4	М	1.40	44	4.6
Jan. 1884	10 10	3 1	M M	1. 45 1. 55	11	11	Jan. 1888	10	1	м	1.55	46	41
Average	10	4	M	1.47	ti		July 1888	10 10	9	M M	1.45 1.55	, 64	44
July 1884	10	3	M M	1.45 1.55	14	44	Average	10	4	М	1.473	11	61
Average		4	М	1. 47		н	Jan. 1889	10 10	3 1	M M	1, 45 1, 55	44	63
Jan. 1885	10 10	3 1	M M	1. 45 1. 55	11	11	Average	10	4	M	1.47	**	**
Average	10	4	M	1. 47	,	4.6	July 1889	10 10	3 1	M	1. 45 1. 55	44	"
July 1885	10 10	3 1	M	1. 45 1. 55	- 11		Average		4	M	1. 471		44
Average	10	4	м	1.47	. "	4.6	Jan. 1890	10	3 1	M	1. 45 1. 55		11
Jan. 1886	10 10	2 3	M	1. 35 1. 45	11	44	Average	10	/4	M.	1.47	i.	**
	10	1	М	1. 55		41	July 1890	10 10	3 1	M M	1.45 1.55	11	10
Average		6	М	1.43	•	61	Average	10	4	м	1.47	"	46
July 1886	10 10 10	2 3 1	M M M	1. 35 1. 45 1. 55	66	66	Jan. 1891	10 10	3	M M	1. 45 1. 50	46	**
Average	10	6	М	1. 43		44	Average	10	4	м	1.46		**
Jan. 1887	10 10	3 1	M M	1, 35 1, 55	44	44	July 1891	10 10	3	M	1. 45 1. 50	44	44
A mono m	10	4	7.4	1 1 40	- 44	6.6	Avorogra	. 10	1	PAT.	1 461		4.6

CARD STRIPPERS.

July 1842 Jan. 1843	13 13	5 5	M M	. 65 . 61	per	day.	July 1851	13 13	1 5	M M	. 50	per	day.
July 1843	13	6	M	. 60	4.6	6.6	Average	13	6	м	. 61½	44	11
-	-13	1	M	. 61	61	4.4			_ ا		١		
			-			66	Jan. 1852.	13	5	M	. 64	64	44
Average	13	7	M	. 60	•••		July 1852	13	5	M	. 64	61	"
T 1044	40	_	3.0		4.4	64	Jan. 1853	13	5	M	. 60	•••	•••
Jan. 1844	13	7	M M	. 61	6.6	44	T1 1059	. 13	5	м	. 64	4.6	66
July 1844	13	10 7	M	.61	4.4	66	July 1853	13	1	M	. 75	6.6	6.6
Jan. 1845	13 13	8	M	. 61	6.6	1.6	1	. 10		141	p . 10		
July 1845 Jan. 1846	13	6	M	. 64	6.6	4.4	Average	13	6	M	. 66	**	4.6
July 1846	13	7	M	. 64	6.4	6.6	Average	10	ľ		. 00		
Jan. 1847	13	7	M	. 64	44	1.4	Jan. 1854	13	6	м	. 64	4.6	6.6
July 1847	13	6	M	. 64	6.6	4.4	0 1001	10			1 ***		
Jan. 1848	13	6	M	. 64	6.6	4.6	July 1854	18.	1	м	.50	6.6	
July 1848	13	5	M	. 64	5.6	6.6	1,	18	4	М	. 64	6.6	6.6
Jan. 1849	13	5	M	. 64	4.6	4.6		13	1	M	.75		4.5
July 1849	13	5	M	. 64	4.6	4.4		, -					
Jan. 1850	13	5	M	. 64	6.6	4.5	Average	13	6	M.	. 63½	+ 4	6.6
July 1850	13	5	M	.64	. 4	4.4							
Jan. 1851	13	3	M	.64	44	"	Jan. 1855	13	5	М	. 64	4.6	66

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued. CARD STRIPPERS—Concluded.

				· CA	ILD	STREE	I Dies-Con	ornaou.					
Payroll of—	Hours per day.	Different employés	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés		Rate	of	wages
July 1855	13 13	1 5	M M	\$0.60 .64	per	day.	Jan. 1872	11 11	3 1	M M	\$0, 83 1, 00	per	day.
Average	13	6	M	. 631	4.4	44	Average	11	4	М	. 871	**	46
Jan. 1856 July 1858 Jan. 1859	13	1 3 4	M M M	. 60 . 60 . 60		6 t	July 1872	11 11	. 2	M M	. 83 1. 16	61	44
July 1859	13 13	3 3	M	. 60	66	16	Average	11:	3	М	. 94	41	**
Average	13	6	M	. 63½	44	4.4	Jan. 1873	11 11	$\frac{2}{2}$	M	. 83 1. 16		44
J an. 1860	13 13	4 2	M M	. 60 . 67	44	4.6	Average	11	4	M	. 991	11	**
Average	18	6	М	. 62 1	44	**	July 1873	11 11	1 1	M M	. 83 1. 16	44	6 E
July 1860	13 13 13	1 3 2	M M M	. 60 . 64 . 67	4.4 4.4	6 6 6 6	Average	11	3	M	1. 33	"	**
Average		6	м	. 641	4.6		Jan. 1874	11	1	м	. 85	61	66
Jan. 1861	13 13	2	M M	. 67 . 75	66	"		11 11	1	M M	1.06	11	66
Average	13	3	M	. 691	44	64	Average	11	, 3	М	1.011		**
J uly 1861	13 13	1 3	M M	. 67 . 71	**	"	July 1874	11 11	1 1	M M	1.06 1.13	11 11	44
Average	13	4	M	. 70	11	66	Average	11	2	M	$1.09\frac{1}{2}$		**
Jan. 1862	$\begin{array}{c c} 12 \\ 12 \end{array}$	1 3	M M	. 67 . 71	44	44	Jan. 1875 July 1875	10 10	2 2	M M	. 87± . 87±	4.6	11 -
Average	12	4	м	. 70	п	**	Jan. 1876	10 10	1 1	M M	. 80 , 96 <u>1</u>	44	"
July 1862 Jan. 1863	12 12	2	M	. 65 . 60	66	6.6	Average	10	2	M	. 881	٠	**
July 1863 Jan. 1864	12 12 12	1 5	M M M	.60 .75 1.12	44	14	July 1876	10 10	1 1	M M	. 75 . 95	"	14
July 1864 Jan. 1865 July 1865	12 12	2 2 4	M	1. 12 1. 12	44	46	Average	10	2	M	. 85	"	6.6
Jan. 1866 July 1866 Jan. 1867 July 1867 Jan. 1868 July 1868 Jan. 1869 July 1869	12 12 12 12 11 11 11	4 5 3 4 5 4 4	M M M M M	1. 12 1. 12 1. 12 1. 12 1. 12 1. 00 1. 00 1. 00	4 6 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	46 46 46 46 46 46 46 46	Jan. 1877 July 1877 Jan. 1878 July 1878 Jan. 1879 July 1879 Jan. 1880 July 1880	10 10 10 10 10 10 10	2 2 4 2 5 4	M M M M M M	. 70 . 85 . 70 . 70 . 85 . 85 . 85	61 66 61 61 61 64	11 11 11 11 11
Jan. 1870	11]1	2 2	M M	. 83 1. 00	"	**	Jan. 1881 July 1881 Jan. 1882	10 10 10	4 4 5	MM	. 95 . 95 1, 00	11 11 .	61 61
Average	11	4	M	. 91½	14	**	July 1882 Jan, 1883	10	5 5	M.	1. 00 1. 00	14	44
July 1870	11 11	2 2		1.00 1.16	44		July 1883 Jan. 1884 July 1884	10 10 10	5 5 5		1.00 1.00 .95 .95	11	
Average	11	4	м	1. 08	4.6		Jan. 1885 July 1885	10	5	M M	. 95	11	11 "
Jan. 1871	11 11 11	2 3 2	M M M	. 83 I. 00 1. 16	14	46	Jan. 1886 July 1886 Jan. 1887 July 1887	10 10 10	8 8 5	M M M	1, 00 1, 00 1 , 00	66 66 64	66 66
Average	11	7	м	. 991	**	**	Jan. 1888 July 1888	10	5	M :	1.00	44	"
July 1871	11 11 11	$\begin{bmatrix} 1 \\ 2 \\ 1 \end{bmatrix}$	M M	. 83 1. 00	**	66	Jan. 1883 July 1889 Jan. 1890	10 10 10 10	6 6	M M M M	L. 00 L. 00 L. 00 L. 00	44	14 14
Average -	11	4	M	. 10	44	66	July 1890 Jan. 1891 July 1901	10	6 5	M M	L. 00 L. 00	66	44
					_	li	July 1891	10	5		1.00	11	**

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

CQTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages
July 1842	13 13 13	1 1 1	M M M	\$0.87½ per 1.00 '' 1.25 ''	day.	July 1848- conc'd.	13 13	2 1	M M	\$1.16 1,42	per	day.
Average	13	3	M	1.04 "	44	Average	13	6	M	1.151	11	* *
					44	Jan. 1849	13 13	1 1	M	1.00 1.08	44	66
Jan. 1843	13 13	1	M	1.00 "	66		13 13	1	M M	1.16 1.42	66	66
Average	13	2	M	1. 121 "	61	Average	13	4	M	1. 163	**	**
July 1843	13	1	М	.91 "	"	July 1849	13	3	М	1.08	16	44
1	13 13	1 1	M	1. 16½ " 1. 25 "	41		13 13	1 1	M	1. 16	66	11
Average	13	3	М	1.11 "	66	A =======	13	<u>-</u>	M	1.50		"
Jan. 1844	13	1 1	M	.91 "	11	Average Ján. 1850	13	3	м	1.08	44	65
	13	2	M	1. 161 "	**	JAII. 1830	13 13	1 2	M M	1. 16 1. 50	6.6	5.6
Average July 1844	13 13	1	M	.91 "	44	Average	***	6	M	1. 231	41	4 6
ury 1044	13	î	M	1.331 "	46	July 1850	13	3	м	1.16	4.6	
Average	13	2	M	1. 121 "	61		13 13	1 2	M	1. 25 1. 50	4.6	16
Jan. 1845	13 13 13	3 1 1	M M M	1.00 " 1.08 " 1.33} "	11 11	Average			M	1. 29	**	44
Average	13	5	M	1.081 "	44	Jan. 1851	13 13	1 2	M	1.08 1.16	4.4	44
July 1845	13	2	M	1.00 "	4.6		13 13	1 1	M	1. 25 1. 33	4.6	44
,,	13 13	1 1	M	1. 16 "	66 66	1	13	2	M	1.50		11
	13	2	M	1.00	44	Average		7	M	1. 281	**	
Average	13	6	M	1. 203	44	July 1851	13 13	3	M	1. 16 1. 25	* 6	11
Jan. 1846	13 13 13	1 1	M M M	1.00 " 1.08 " 1.16 "	11		13 13 18	$\frac{1}{1}$	M	1. 33 1. 50	41	44
	13	i	M	1.50 "	4.6	Average		8	M	1. 26		11
Average	13	5	M	1. 15 "	44	Jan. 1852	13	1	м	1.08	64	6.6
July 1846	13 13	2 2	M	1.00 "	4.6		13 13	1 1	M	1. 16 1. 25	11	64
	13 13	1	M	1.16 "	61		13	1	M	1.50		6.6
Average	13	6	м	1. 131 "	**	Average	1	4	M	1. 24		6.6
Jan. 1847	13	2	м	1.00 "	6.6	July 1852	13	1 2	M	1.00 1.08	4.6	44
	13 13	2 1	M M	1.08 "	66		13 13	1	M	1. 16 1. 25	61	44
	13	1	M	1.50 "	**	,	13	2	M	1.50		"
Average	13	6	M	1.131 "	"	Average		7	M	1. 223		
July 1847	13 13	1 2	M	1.16 "	44	Jan. 1853	13	1 1	M	1.16	11	"
	13	1	M	1, 50	46		13 13 13	1 1 1	M M M	1. 33 1. 50 1. 67	11	44
Average	13	4	M	1. 20 5		Average		5	M	1. 38	. "	
Jan. 1848	13 13	2 1	M	1. 16 " 1. 42 "	"	July 1853		2	M	1.00	11	66
Average	13	3	м	1. 24½ "	11	0 diy 1035	13 13	2 2	M	1.16	44	44
July 1848	13	1	M	1.00 "	44		13	5	M	1.50	- 66	44
	13 13	1 1	M	1. 12	44	Average	13	11	M	1.30	56	44

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

COTTON GOODS: ESTABLISHMENT No. 69, MASSACHUSETTS-Continued.

CARPENTERS-Continued.

											-,			_
Payroll of	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.		Rate	of	wage	ė,
Jan. 1854	13 13 13	1 3 3	M M M	\$1.00 1.25 1.50	41	day.	Jan. 1864	12 12 12 12	1 1 1 7	M M M M	\$1.10 1.16 1.40 1.50	per	day.	_
Average	13	7	M	1.32	11	44		12	4	М	1.75	44	66	
July 1858	13 13	2 4	M M	1. 15 1. 30	11	46	Average	12	14	М	1.51	44	**	
	13 13	1 5	M	1. 40 1. 50	44	16	July 1864	12 12	6 2	M	1.75 2.00	44	44	
Average	13	12	M	1.361	**	66	Average		8	M	1.813	44	66	
Jan. 1859	13	2	M	1.15	11	61	Jan. 1865	12 12	1 5	M M	1.75 2.00	11	66	
	13 13	3 1	M M	1.30 1.40	44	11		12	2	M	2. 25	11	64	
	13	5	M	1.50	11	4.5	Average	12	8	M	2.03	4.6	44	
Average	13	11	M	1.37½	**	5.6	July 1865	12 12	1 6	M M	1.75 2.00	**	**	
July 1859	13 13	$\frac{2}{1}$	M M	1.15 1.30	11			12	7	Ж	2. 25	4.6	14	
	13	8	М	1.50	41	4.6	Average	12	14	М	2. 101	# 6	6.6	
Average	13	11	M	1.42	44	4.6	Jan. 1866	12. 12	1 6	M M	1.75 2.00	6 1 6 6	6.6 4.5	
Jan. 1860	13 13	2 2	M	1. 25 1. 30	44	44		12	5	M	2, 25		11	
	13	7	M	1.50	44	11	Average	12	12	M	2.081	4.6	46	
Average	13	11	М.	1.42	**	44	July 1866	12	- 1	M	1.75	41	44	
July 1860	13 13	3 2	M M	1.15 1.30	6 E	**		12 12	7	M	2. 00 2. 25	11	44	
	13	6	м	1.50	44	41	Average	12	12	М	2. 12	"	44	
Average	13	11	м	1.37	11	44	Jan. 1867	12	1	М	1.50	14	66	
Jan. 1861	13	1	м	1.00	44	11		12 12	2 4	M M	1.75 2.00	44	44	
	13 13	1	M	1. 15 1. 30	41	"	-	12	6	M	2. 25	и,		
A	13		M	1.50	44	44	Average	12.	13	M	2.04	14	44	
Average	13	9	М	1.381			July 1867	12	7	$\frac{n}{M}$	1.50 2.00	46	46	
July 1861	13 13	2 2	M M	1.15	66	44		12	4	M	2. 25		44	,
	13	7	M	1.50			Average	12.	12	М	2.04	44	44	
Average	13	11	М	1.401	4.6	66	Jan. 1868	11	11	M M	1.75 2.00	66	66 64	
Jan. 1862	12 12	2	M M	1. 15 1. 33	11	44		11 11.	10 4	M M	2. 25 2. 50	64	44	
A	12	6	M	1.50	44	**	Average	11	27	M	2. 15	**	**	
Average	12	10	м	1.391			July 1868	11	1	м	1. 25	16	44	
July 1862	12 12	1 2	M	1.00 1.15	44	"		11	3 9	M M	1, 75 2, 00	11	44	
	12 12	3 6	M	1, 33 1, 50	**	44		11. 11	9 4	M M	2. 25 2. 50	44	11	
Average	12	12	M	1. 35½	11	**	Average	11	26	М	2. 101	64	**	
Jan. 1863	12 12	5 1	M M	$\frac{1.00}{1.25}$	"	44	Jan. 1869	11	1 7	M	1. 25	44	44	
	12	14 4	M M	1. 33 1. 50	66	44 64		11	6 2	M M M	2. 00 2. 25 2. 50	44	44	
Average	12	24	м	1. 281	66	44	Average	11	16	м	2. 11	44	41	
July 1863	.12	4	м	1.00	44	44	July 1869	11	1	м	1.50	"	44	
	12 12	2 16	M	1. 25 1. 33	44	41 *		11	5	M M	2, 00 2, 25 2, 50		44	
	12	4	M	1.50				11	2	М			**	•
Average	12	26	M	1. 30	••	••	Average	11	11	M	2. 111	44	** `	•

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS-Continued.

CARPENTERS-Continued.

				OARI ENTED	-5-COLUMN	-				
Payroll of-	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate o	of wages.
Jan. 1870	11 11 11	1 3 4	M M M	\$1.16 per day. 1.50 """	July 1874- cone'd.	11 11	5 1	M M	\$2.50 p	
	11	12 15	M	2. 00 " " " 2. 25 " "	Average		12	M	2.27	
A verage	11	43	M	2. 101 " "	Jan. 1875	10 10 10	3 1 4	M M M	2. 04½ 2. 16½ 2. 27½	. 46
July 1870	11	1	M	1.00 " "		10	1	M	2.39	
out, son	11 11 11 11	1 7 11 6	M M M	1. 75 " " " 2. 00 " " " 2. 25 " " " " " " " " " " " " " " " " " "	Average July 1875	10 10	3 1	M M M	2. 04½ 2. 12	16 66
-Average		26	M	2.171		10 10	4	M	2. 271	
		,			Average	10	_ 9	M	2. 191	16 46
Jan. 1871	11 11 11 11	1 4 .12 3	M M M M	1.75 " " 2.00 " " - 2.25 " " - 2.50 " "	Jan. 1876	10 10 10 10	4 4 3 2	M M M	2. 25 2. 27±	14 46 14 46 11 44
Average	11	20	M	2. 211 " "		10	1	M		
July 1871	111-	1	м	1.33 " "	Average	10	14	M	2. 221	11
	11 11	1 1	M	1.50 " " 1.75 " "	July 1876	10 10	1 1	M		66 68 66 62
	11	5 24	M	2. 25 " "		10	1	M	1 2. 25	
	111	5 3	M	2.50 " " " 2.75 " "		10	i	M	2.40	
Average	11	40	м	2. 231 "	Average	10	5	M	2.72	54 66
Jan. 1872	11	1	M	1.50 " "	Jan. 1877	10	1	M M	1.75	66 66
	11	11	M	2.00 " " " 2.25 " "		10 10	2	M	2.10	66 66
	111	1 2	M	2.50 " " "		10	1	М	2. 20	11 11
Average	11	17	M	2. 25 " "	Average	J	10	M	1. 505	44
July 1872	11	2	M	1.50 " "	July 1877	10	5	M	2.00	
	11	13	M	2. 25 " "		10	1	M M	2. 10	16 66
	11	1 2	M	2. 50 " " " " "	Average	10	9	М	2.011	11
Average	11	22	М	2. 191 "	Jan. 1878	10 10	1 6	M M	1 1. 10	66 66
Jan. 1873	11 11	1 5	M M	1.50 " " "		10 10	2	M	2.10	41 44
	111	41	M	2. 25 '' '' '' 2. 50 '' ''	Average		10	м		11 11
	11	3	M	2.75 " "	July 1878	1	1	м	1, 75	66 68
Average	11	54	M	2. 26 " "	, , , , , , ,	10 10	5 2	M	2. 10	11 16
J uly 1873	11 11	1 1	M	2.00 " "	1	10	1	М	2. 20	41 46
•	11 11	10	M	2. 25 " " "	Average		9	M	2.013	46
	11	2	M	2.75 " "	Jan. 1879	10	1 3	M M	1.75	14 44
Average	1	18	M	2. 29 " "		10 10	2	M	1. 90	46 46 64 66
Jan. 1874	11	-1	M	1. 25 " " 2. 00 " "		10	1	M	2,00	11 14
	11	6 3	M	2. 25 " " " 2. 50 " "	Average		8	M	1.12	
	11		M	2.75 " "	July 1879	10	5	M	1.75	11 61
Average		12	M	2.25 " "-		10 10	1 2	M	1 1.00 -	14 16
July 1874	11	2 4	M	2. 25 " "	Averag	e 10	9	М	1.73	11 11

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

CARPENTERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	e of	wages.
Jan. 1880	10 10 10	1 8 1	M M M	\$1.25 per day. 1.75 " " "	July 1884- conc'd,	10 10	1	M M	\$2, 25 2, 35	per	day.
	10	î	M	2.00 " "	Average	10	11	M	1.871	44	44
Average	10	11	M	1.731 " "	Jan. 1885	10 10	2 1	M M	1.50	44	6 6 6 6
July 1880	10 10	2 1	M M	1. 25 " " " 1. 75 " "		10 10	$\frac{1}{2}$	M	1. 80 2. 15	**	44
	10 10	1 2	M	1. 85 44 44 1. 90 44 44		10	2	M	2. 25	14	44
	10 10	1	M	2.20 " "	Average	10	8 -	M	1.87	6.6	66
Average	10	8	M	1.761 " "	July 1885	10 10	4	M	1.50 1.70	66	**
Jan. 1881	10 10	2 3	M	1.85 " " 1.90 " "		10 10	$\frac{1}{2}$	M	1.80 2.15	11	66 66
	10 10	2	M	2.00 " "		. 10	2	м	2. 25	65	44
Average		8	м	1.95 " "	Average	10	10	M	1.79	"	44
July 1881	10	1	M	1.85 " "	Jan. 1886	10 10	2 1	M M	1.40 1.65	44	44
_	10 10	2	M	1.90 " "		10 10	1	M	1.90 2.15	44	4.6
	10	1	М	2. 20 '' ''		10 10	1 1	M M	2. 25 2. 50	"	**
Average	10	5	M	1.97 " "	Average	. 10	7	м	1. 891	* *	**
Jan. 1882	10 10	1 1	M	1.80 " " "	July 1886	10	2	м.	1.40	**	44
	10	3	M	2. 00 " " " 2. 25 " "		10 10	1 2	M	1.65 1.90	66	**
Average	10	6	·M	1.99 " "		10 10	1	M M	2. 15 2. 25	"	66
July 1882	10	2	M	1.80 " "	Average	10	7	M	1.801	44	66
-	10 10	2	M	2. 25 " "	Jan. 1887	10	2 2	M M	1.50	"	46
	10	1	M	2.40		10 10 10	2	M	1.70 2.00 2.20	66	16
Average		6	M	2.01	-	10	1	M	2.50	64	44
Jan. 1883	10 10	1 1	M M M	1.50 " " 1.70 " " 1.80 " "	Average	10	8	М	1.881	44	44
	10	2 5 1	M	1.90 " " " 2.25 " "	July 1887	10 10	$\frac{2}{2}$	M M	1.50 1.70	6 E	46
	10 10	1	M	2. 40 " "		10 10	$\frac{2}{1}$	M	2.00 2.20	44	**
- Average	10	11	М	1.901 "		10	î	M	2.50	44	**
J uly 1883	10 10	1 2	M	1.50 " " 1.70 " "	Average	10	8	M	1.881	44	46
	10	1	M	1.80 " " "	Jan. 1888	10 10	3 2	M M	1.50 1.70	16	44
	10 10 10	1 1	M	2. 25 " " 2. 35 " "		10	3	M	2.00 2.50	44	66
Average		10	M	1. 93 " "	Average		9	M	1.82	64	44
Jan. 1884	10	2	m	1, 50 " "	July 1888	10	2	м	1.50	44	46
Ç 21, 1004	10 10	2 3	M	1.70 " "	,	10 10	3 2	M	1.70 2.00	44	11
	10	3	M	2. 00 " " " "		10	1	M	2. 50	**	4.6
	10	2	M	2. 35 " "	Average	10	8	M	1.821	4.1	**
Average	10	13	M	1.891 '' ''	Jan. 1889	. 10 . 10	2 9	M M	1.50 1.75	11	46
July 1984	10 10	2 2	M	1.50 " " "		10 10	5	M	2.00 2.50	- 66	46
	10	2 2 2 3	M	1.80 " " " 2.00 " "	Ayerage	10	17		1.84	64	44

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS-Continued.

CARPENTERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
July 1889	10	2	M	\$1.50	per	day.	July 1890-	10	3	M	\$2,00	ner	day.
	10 10	6 6	M M	1.75 2.00	- 44	14	conc'd.	10	1	M	2, 50	110	111
	10	ĭ	M	2.50	"	46	Average	10	9	M	1, 91	66	41
Average	10	15	M	1.861	"	**	Jan. 1891	10	2	м	1.75	11	4.6
-							-	10	2 2 3	M	1.90	11	4.6
Jan. 1890	10	1	M	1.70	64	44		10 10 10	1	M	2.50	6 6	4.6
	10	3 2	M	1.75 2.00	14	44	Average	10	8	M	1.971	64	1.4
	10	, L	М	2. 50	••		July 1891	10	3	М	1.75	11	4.6
Average	10	7	M	1.92	4.4	44		10	1 7	M	1.90	44	* 6
							1	10 10	1	M	2.00	11	11
July 1890	10 10	1 4	M M	1.70 1.75	44	64	Average	10	12	M	1. 97	6 6	ŧ.

CLOTH INSPECTORS.

Jan. 1875 10 5 F .82 " Jan. 1886 10 6 F .85 " July 1875 10 5 F .82 " July 1886 10 6 F .85 " " July 1886 10 5 F .85 " " July 1887 10 5 F .90 " " July 1887 10 5 F .90 " " July 1887 10 5 F .90 " " July 1888 10 6 F .90 " " July 1888 10 8 F .90 " " July 1888 10 8 F .90 " " July 1888 10 8 F .90 " " July 1889 10 6 F .90 " " July 1889 10 7 F .90 " " July 1889 10 7 <t< th=""><th>July 1870 Jan. 1871 July 1871 Jan. 1872 July 1872 Jan. 1873 July 1873</th><th>11 11 11 11 11 11</th><th>12 6 6 5 4 4 3</th><th>FFFFFFFF</th><th>.90 .90 .90 .90 .90 1.00</th><th>per</th><th>day.</th><th>July 1881 Jan. 1882 July 1882 Jan. 1883 July 1883 Jan. 1884 July 1884</th><th>10 10 10 10 10 10</th><th>655666666</th><th>FFFFFFF</th><th>. 85 . 88 . 88 . 88 . 88 . 85</th><th>per</th><th>66 66 66 66</th></t<>	July 1870 Jan. 1871 July 1871 Jan. 1872 July 1872 Jan. 1873 July 1873	11 11 11 11 11 11	12 6 6 5 4 4 3	FFFFFFFF	.90 .90 .90 .90 .90 1.00	per	day.	July 1881 Jan. 1882 July 1882 Jan. 1883 July 1883 Jan. 1884 July 1884	10 10 10 10 10 10	655666666	FFFFFFF	. 85 . 88 . 88 . 88 . 88 . 85	per	66 66 66 66
Jan. 1878 10 5 F .85 " Jan. 1889 10 6 F .90 " July 1889 10 7 F .90 " July 1889 10 7 F .90 " July 1889 10 7 F .90 " " July 1879 10 6 F .80 " " Jan. 1889 10 7 F .90 " " July 1879 10 6 F .80 " " July 1890 10 7 F .90 " Jan. 1889 10 6 F .80 " " July 1890 10 7 F .90 "	Jan. 1875 July 1875 Jan. 1876 July 1876 Jan. 1877	10 10 10 10 10	5 9 6 4	F F F F	. 82 . 82 . 90 . 90 . 85	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	4 6 6 6 6 6 6 6 6 6 6 6 6 6	Jan. 1886 July 1886 Jan. 1887 July 1887 Jan. 1888	10 10 10 10 10	6 5 5 6	F F F	. 85 . 85 . 90 . 90	4 6 6 6 6 4	4 6 6 6 6 6 6 6 6 6
	Jan. 1878 July 1878 Jan. 1879 July 1879	10 10 10 10	5 5 5 6	F F F	. 85 . 85 . 80 . 80	66 66	46 46 46	Jan. 1889 July 1889 Jan. 1890 July 1890	10 10 10 10	6 7 7 7	F F F	.90 .90 .90	66 64 64 66	66 61 66 66

DOFFERS.

July 1871 Jan. 1872 July 1872 Jan. 1873	11 11 11 11	5 6 4 7	M M M	. 54 . 54 . 54 . 54	per	day.	Jan. 1875	10 10 10	2 2 2	M M M	$45\frac{1}{2}$ $56\frac{1}{2}$ $96\frac{1}{2}$	per	day.
July 1873	11 11 11 11	4 2 1 2	M M M M	. 54 . 67 . 83 1. 00	16	66 64 66	Average July 1875	10 10 10 10	6 2 2 2	M M M	. 66 . 45½ . 56½ . 96½	14	4 4 4 5 4 5 4 6
Average	11	9	м	. 701	66	66	Average	10	6	M	. 66	6.6	6.6
Jan. 1874	11 11 11 11 11	3 2 1 3 1	M M M M M	. 46 . 50 . 58 . 72 . 85	14	66 66 66 66	Jan. 1876 Average	10 10 10	3 2 1 6	M M M	. 55 . 60 . 85	66	**
, Average	11	, 10	M	. 59½	11	4.6	July 1876	10 10	3 2	M M	. 55	44	16
July 1874	11 11	7	М	. 46	44	**		10	1	M	. 85	44	"
	11 11	2 1	M M	. 83 . 86	44	16	Jan. 1877	10 10	6	M M	. 61½	66	"
Average	11	11	M.	. 561	4.6	4.6	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	10	2	M	. 50	4.4	44

REPORT OF THE COMMITTEE ON FINANCE.

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

DOFFERS-Continued.

Payroll of—	Hours per	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
Jan. 1877-	day.	2		\$0. 60 80	ner	day	July 1882	10	4	м	\$0.35	ner	day.
cone'd.	10		M		44		0 413 1002	10 10 10	; 3 3	M M M	.50 .65	"	66 66
Average July 1877	10 10	4	M	. 48		**	Average		16	M	. 541		**
eary 1011	10 10	2 2	M M	. 50	66	66	Jan. 1883	10	8	м	.45		66
	10	1	М	. 70	"	"		10 10	8 4	M M	. 65 . 78	44	11
Average		9	M	. 46	46	**	Average	10	20	M	. 591	44	44
Jan. 1878	10 10	2	M. M.	. 33	44	"	July 1883	10 10	8	M	. 45	""	44
	10 10	1	M M	. 65	"	"		10	4	M	. 78	44	
Average	10	8	М	.461		44	Average	10	20	M	. 59½	. 4	4.6
July 1878	10 10	4 2	M M	. 33	**	44	Jan. 1884	10 · 10	· 4	M M	. 45	44	44
	10 10	1 1	M M	. 65	11	44		10: 10	2 5	M M	.70 .80	44	**
Average	10	8	м	.46}	44	"	Average	10	. 20	М	. 63	**	44
Jan. 1879	10 10	3 4	M	. 45	44	46	July 1884	10. 10	3 10	M M	. 45 . 60	"	44
	10 10	2 3	M M	.70	44	"		10. 10.	1 5	M M	.70	44	66 S
Average	10	12	M	. 591	41	"	Average	10	. 19	M	. 631		44
July 1879	10	3	М	. 45	44	44	Jan. 1885	10 10	3	М	. 45	44	64
	10 10 10	4 2 3	M M M	.50 .70 .80	44	66		10 10 10;	10 2 5	M M M	.60 .75	64	46
Average		12	M	.591	. 64	-"	Average	10	20		. 641		44
Jan. 1880	10	3	м	. 30			July 1885	10	4	м	. 45	44	44
	10	5	M	.45	44	44		10	9	M	. 60 . 75	11	16
Average	10	3	M M	. 80		**	Average	10	20	M M	. 631		
July 1880	10	3	M	. 35		44	Jan. 1886	10	5	M	. 45	11	66
J J	10 10	6 2	M	. 45	44	66		10	8	M	.60	66	66
	10	2	M	.75	44	41	İ	10	4 2	M	.75	66	66
Average		13	M	. 49½		64	Average	10.	23	M	. 62		6.6
Jan. 1881	10	3 5	M	. 35	44	1	July 1886	10	5	M	. 45	44	44
	10 10	3	M	. 60	44	44	i	10	7	M	. 60	11	66 68
Average	10	14	M	. 52½	"	14		10 10	3	M M	. 75 . 80	64	"
July 1881	10 10	3 4	M	. 35	44	44	Average	10	23	M	. 63	**	44
	10 10	3	M	. 60	66	66	Jan. 1887	10	5	М	. 45	"	46
Average	10	13	м	. 53	**	46		10: 10: 10	7 3 4	M M M	.60	66	44
Jan. 1882	10	6	M	.35	44	46		10	3	M	. 75	64	
	10 10 10	3 3	M M M	. 50 . 65 . 78	46	44	Average	10	22	M	, 62월		" ,
Average		16	м	.521	44	66	July 1887	10: 10	5 7	M M	.45	61 46	44

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS - Continued.

DOFFERS-Concluded:

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	vages.
July 1887- cone'd.	10 10	3 7	M M	\$0.65 .80	per	day.	July 1889- conc'd.	10 10	3 7	M M	\$0.65 .80	per	day.
Average	10	22	М	. 631	44	44	Average	10	21	M	, 63		44 - 1
Jan. 1888	10 10 10	6 6 3	M M M	. 45 . 60 . 65	6 6 6 6 6 6	66 66	Jan. 1890	10 10 10	4 6 10	M M M	. 60 . 65 . 80	11	44 44
Average	10	21	M	. 80	"	"	Average	10	20	M	. 71½	εı	6.6
U		i				66	July 1890	10	4	M	. 60	64	
July 1888	10 10 10	6 4 3	M M M	. 45 . 60 . 65	14	46		10 10	6 10	M	. 65 . 80	44	**
	10	6	M	. 80		**	Average	10	20	M	.713	"	"
Average	10	19	М	. 62½	4.6	66	Jan. 1891	10 10	10	M	. 60		44
Jan. 1889	10	7 3	M M	. 45	44	66		10	6	M	. 80		
	10 10	3 6	M M	. 65	"	66	Average	ļ	23	M	. 70	44	44
Average	10	19	M	. 61 %	44	44	July 1891	10 10	12 7	M M	. 60	1.6	6.6
July 1889		6	м	.45	66		H	10	5	M	. 80		
j =	10	5	M	. 60	- 11	44	Average	10	24	M	. 681	**	**

DRAWERS-IN.

Jan. 1845 July 1845	13 13	1 2	F	. 46 . 42	per	day.	July 1850	13 13	2 2	F F	. 38 . 45	per	day.
Jan. 1846	13 13	2 2	F	. 45		44	Average	13	4	F	. 41½	1.6	44
Average	13	4	F	. 471	**	4.6	Jan. 4851 July 1851	13 13	2 2	F	. 46	44	**
July 1846	13 13	2 2	F	. 45 . 50	44	46	Jan. 1852	13 13	1 2	F	.38	66	"
Average	13	4	F	. 471	14	**	Average	13	3	F	. 401	44	16
Jan. 1847	13 13	2 2	F F	. 44	**	**	July 1852	13 13 13	2 4 1	F F	. 30 . 38 . 56	6 t 6 t	46
Average July 1847	13 13	4 8	F F	.44½	44	44	Average	13	7	F	.381	44	44
Jan. 1848	13 13	5 . 3	F F	. 40	"	44	Jan. 1853	13 13 13	3 2	F F	.40 .43 .54	44	**
Average	13	8	F	. 46	54	66	Average	13	8	F	. 441	14	**
July 1848	13 13	5 3	F	. 40	44	66	July 1853	13 13	1 1	F	. 54	44	6.6
Average	13	8	F	. 46		46	Average	13	2	F	. 55	6 6	4.6
Jan. 1849	13 13	1 2	F	.34 .50	**	64	Jan. 1854	: 13	1 2	F	.38	11	16
Average	13	3	F	. 441	4.6	4.6		13 13	2	F	. 54 . 56	11	14
July 1849	13 13	1 2	F F	. 34	66	44	Average	13	6	F	. 47	41	εc
Average	13	3	F	. 443	4.6	44	July 1854	13 13	1 3	F	. 38	44	44
Jan. 1850	13 13	1 2	F	.34	"	11		13 13	1	F	.51	66	11 11
Average	13	3	F	. 443	44	44"	Average	13	7	F	. 471	44	44

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

				DI	RAW	ERS-IN	-Continue	1.					
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day	Differe nt employés.	Sex.	Rate	of	wages.
Jan. 1855	13 13 13	1 2 5	F F F	\$0.30 .43 .54	66	day.	Jan. 1866	12 12	3 3	F	\$0.68 1.12		day.
	13	2	F	. 56	44	44	Average	12	6	F	. 90	4.6	6.6
Average	1	10	F	. 50	66	**	July 1866	12	2	F	. 62	64, 66	"
July 1858	13 13	1 3	F	. 43	11	44		12 12	ī	F	. 84 1. 12	64	"
Average	13	4	F	. 521		44	Average	12	5	F	. 81		66
Jan. 1859	13 13	2 2	F	.38	44	66	Jan. 1867	12 12	2 3	$_{\mathbf{F}}^{\mathbf{F}}$. 84 1.12	66	66
Average	13	4	F	. 46	44	44	Average	12	5	F	1.01	**	**
July 1859	13	4	F	.50	44		July 1867	12	J '	F	. 84	14	**
Jan. 1860	13 13	2	F F	. 40	44	46		12	2	F	1. 12	t t	14
	13	2	F	.54	1.6	4.6	Average	12	,3	F	1.02½		**
Average	13 13	5	F	. 471 . 45	"	"	Jan. 1868	11 11	2 2	F	. 92 1. 00	44	44
July 1860	13	1	F F	.54	11	**	Average	. 11	4	F	. 96	. 18	16
Average		3	F	.53	46	46	July 1868	11 11	2 2	F F	. 70 1. 00	16	**
Jan. 1861	13	1	F	. 30	66	61	Ayerage	11	4	F	. 85	4.4	14
	13 13	2	F	. 40	66	"	Jan. 1869	11	2	F	. 95	44	44
Average	13	4	F	. 40	ıı	4.6			3	F	1.00		
July 1861	13	3	F	. 50		"	Average		5	F	. 98		
	13 13	1 1	F	. 63	"	66	July 1869.	11	2	F F	. 87		**
Average	13	5	F	.531	44	66	A ==0======	11	5	F	1.00	44	44
Jan. 1862	12	1 2	F	.45	66	44	Average	11	2	F	. 93		44
	12 12	ı	F	. 63	£1	41	Jan. 1870	11	ĩ	F	1.00	11	**
Average	12	4	F	. 54	44	**	Average	11	3	F	. 911	8.6	**
July 1862	12 12	1 1	F	. 45	11	66 66	July 1870	11 11	3	F	. 62	14	66 61 66
•	12	1	F	. 67		16		11	5	F	1.00	41	44
Average		3	F	. 55½	"	**	Average	1 .	11	F	. 85	66	14
Jan. 1863 July 1863	12 12	2 2	F	.54	4.6	**	Jan. 1871	11 11 11	3 6 3	F F	. 62 . 83 1. 00	16	11
Jan. 1864	12 12 12	2 2 1	F F	. 44 . 67 . 70	14	66 66	Average	11	12	F	. 82	6.4	
Average	12	5	F	.58	61	14	July 1871	11 11	4 6	F	. 62	16	"
July 1864	12	2	F.	. 68	44			11	3	F	1.00	**	44
Jan. 1865	12	1	F	. 66	4.5	**	Average		13	F	.801	44	11
A	12	1	F	. 68	14	44	Jan. 1872	11 11	1 6	F	. 62 . 83	.,	64
Average		2	F	. 67	14			11 11	3 1	\mathbf{F}	1.00 1.16	46	68
July 1865	12 12 12	1 4 2	F F	.50 .55 .86	66	66	Average	11	11	F	.881	46	86
Average	12	7	F	, 63		44	July 1872	11	2 7	F	. 62 . 83	66	e é

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

DRAWERS-IN -Continued.

Payroll of .	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	Hours per day.	Different employés.		Rate	of v	vages.
July 1872– cone d.	11 11	4 2	F	\$1.00 I	er	day.	July 1880	10 10 10	3 5 6	F F	\$0, 95 1, 00 1, 05	per	da y .
Average	11	15	F	. 89	5.6	1.4	Average	10	14		1.01	4.6	4.6
Jan. 1873	11 11 11 11	2 5 3 - 3	F F F	. 62 . 83 1. 00 1. 16	11	64 64 64	Jan. 1881	10 10 10	5 5 11	F F F	. 95 1. 00 1. 05	11	6 h
Average	11	13	F	. 911	t t	e t	Average	10	21	F	1.013	* 1	1.6
July 1873	11 11	3 - 2 5	F	. 62 . 83 1. 00	44	66 66	July 1881	10 10 10	5 5	F F	. 95 1. 00 1. 05	"	"
	11 11 11	3 2	F	1. 16 1. 25	11	11	Λ verage	10	14	F	1.001	ıı	4.6
Average	11	15	F	. 961	"	fc	Jan. 1882	10 10 10	`5 1 4	F F	, 90 1, 00 1, 05	11 11	"
Jan1874	11 11 11	2 4 3	F F F	. 62 . 83 1. 16		44 44	Average	10	10	F	. 97	46	44
Average	11	10	F	1.25		**	July 1882	10 10	1 5	F	1. 00 1. 05	44	4.6
_	11	5	F	, 85	"	1.6	Average	10	12	F	. 97	££	**
July 1874	111 111 111	3 4 2	FF	1. 00 1. 16 1. 25	6 E	4.6	Jan. 1883	10 10 10 10	2 6 2 3	F	. 65 . 95 1, 00 1. 05	11	66 66 66
Average	11	14	F	1.03	4.4	14	Average		13	F	. 931		44
Jan. 1875	10 10	1	F F	. 73 1. 20	"	"	July 1883	10 10	2 5	F	. 65 . 95	44	16
Average	10	2	F	. 961	t t	41		10 10	4 5	F	1, 00 1, 05	4.6	
July 1875 Jan. 1876 July 1876 Jan. 1877 July 1877	10 10 10 10 10	1 4 4 4	F F F F	. 73 . 87½ . 87½ . 87½ . 87½	66	66	Average Jan. 1884	10 10	16 2 4 6	F F F	. 95 . 65 . 95 1. 00		64 64
Jan. 1878	10 10	2 3	F	.60 .87½	44	**	Average	10	12	F	. 92	- "	4.6
Average	10	5	F	. 76½	**	"	July 1884	10 10	4 6	F	. 95 1. 00		4.6
July 1878	10 10	2 3	F	. 60	**	44	Average	10	10	F	. 98		6.6
Average	10	5	F	. 78	14	4.4	Jan. 1885	10	1 4	F	. 65	44	44
Jan. 1879	10 10	1 6	F	. 60	11	6.6	,	10	6		1.00	- "	1.1
	10	3	F	. 90	66	44	Average	1	11	F	. 95	44	
Average	10	12	F	. 86	4.4	t t	July 1885	10	1 4	F	. 65	4 4 4 4 4 4	11
July 1879	10	1	F	. 60	46	46	A worm	10	11	_!	1,00	- "	
	10 10 . 10	1 7 3	F F	. 85 . 90 . 95	64		Jan. 1886		3 5	F	1, 00 1, 10	t e	
Average	10	12	F	. 881	14	6.6	Average		8		1.06	1 1	4.6
Jan. 1880	10 10 10	. 5 6		. 90 . 95 1. 00	6 6 6 6	65 66	July 1886		3		1, 00 1, 10	- 44	
Average	10 1 956	99, pt. 2		$-\frac{1}{41}$	66	44	Average	e 10	8	F	1.06	1 11	

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued. DRAWERS-IN—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of ·	wages.
Jan. 1887	10	9	TE .	\$0.60	per	day.	July 1889	10	4	F	\$0.90	her	day.
O AH. 1001	10	$\frac{2}{2}$	F	. 90	Der	uay.	wary 1005	10	4	F	1.00	1,01	
	10	4	Ê	1.00	44	4.4		10	2	F	1.10	6.6	1.6
	10	3	F	1.10	44	14							
			<u> </u>		14		Average	10	10	F	. 98	6.6	4.6
A verage	10	11	F	. 931	١,	**	Jan. 1890	10	8	F	.90	61	4.4
							9 an. 1550	10	7	F	1.00	46	11
July 1887	10	2 2	F	, 60	4.6	1.1		10	2	F	1.10	4.6	
-	10		F	. 90		4.6	li	10	_	F	1, 10		
	10	4	F	1.00	6.6	4.6	Average	10	12	F	. 99	4.6	6.6
	10	3	F	1.10	4.6	14 -	Average	10	12	æ	. 99		
Average	10	11	F	. 931	6.6	44	July 1890	10	2 7	F	. 90	4.6	4.6
Average	10	11	1 -	. 908				10	7	F	1.00	4.5	44
			ļ				il	10	2	F	1.10	6.6	6.6
Jan. 1888	10	2 2	F	.60	4.6	6.6		f 10	1	F	1.25	6.6	6.6
	10		F	. 90	6.4	4.6	1	•					
	10	4	F	1.00	4.4	4.6	Average	10	12	F	1.02	1.6	**
	10	4	F	1.10	14	1.6	1						
							Jan. 1891	10	4	F	, 60	1.4	4.4
Average	10	12	F	. 95	4.4	44	,	10	2	F	. 90	6.6	6.6
		*					ŧ	10.	2	F	1.00	4.6	2.2
July 1888	10	4	F	. 90	1.6	4.6		10	3	F	1.10	4.6	4 %
0 my 1000	10	4	F	1.00	1.6	6.6		10	2	F	1.25	4.6	11
	10	2	F	1.10		64					<u>`</u>		
	10			1.10			Average	10	17	F	. 94	4.6	- 66
Average	10	10	F	. 98	* *	14	July 1891	10	4	F	. 60	44	
_			l				omy lost	10	2	F	. 90		66 .
Jan. 1889	10	4	F	. 90	44	4.6		10	6	F	1.00	66	
OAH. 1009	10		10	1.00	1.1	4.6	li	10	2	F	1. 10		4.5
	10	4 2	F	1.10	4.4			10	3	ŕ	1. 25	64	
Average	10	10	F	. 98			Average	10	17	F -	. 95	4 î	44

DRAWING HANDS.

July 1842	13 13 13	12 12 5	F F F	.40 pe .44 .45		Jan. 1850 July 1850 Jan. 1851 July 1851	13 13 13 13	6 5 3 3	F F F	. 42 . 42 . 42 . 42	per	dny
Average	13	21	F	. 431		Jan. 1852 July 1852	13 13	4 5	F	.42	41	44
Jan. 1843	13 13 13 13	3 4 2 1	F	.40 '42 '4	1 11	Jan. 1853	13 13	. 1	F	. 38	"	**
Average	13	10	F	.42	. 44	Average	13	3	F	. 41½	44	45
July 1843	13 13	$\frac{7}{2}$	F	.42 ''		July 1853	13 13	3	F —	. 42	66	14
Average	13	9	F	. 42½ ''	44	Jan. 1854	13 13	4	F	. 41	11	"
Jan. 1844	13	7	F	. 42 ''	,	Jan. 1804	13	1	F	. 42	**	**
July 1844	· 13	10 1	F	.42		Average July 1854.	13 13	5	F F	. 43	11	**
Average	13	11	F	. 42 "		Jan. 1855 July 1855	13 13	5 5 4	F	. 42 . 42 . 42	16	"
Jan. 1845 July 1845 Jan. 1846	13 13 13	7 7 5	F F	.42	6.6	July 1858 Jan. 1859 July 1859	13 13 13	3 3 5	F F	. 42 . 42 . 42	16	. EE
July 1846 Jan. 1847	13 13	6 8	F	.42	6.6	Jan. 1860 July 1860	13 13	4 3	F F	. 42 . 50		"
July 1847 Jan. 1848 July 1848	13 13 13	7 6 6	F F F	.42 4	14	Jan. 1861 July 1861 Jan. 1862	13 13 12	3 3 3	F F	.50 .50 .50	11	6 E 6 E
Jan. 1849 July 1849	13 13	6	F	.42 "		July 1862 Jan. 1863	12 12	2 2	F	.40	**	6 L

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

DRAWING HANDS-Continued.

									<u> </u>		. ~		
Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of wa	ges.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.
July 1863 Jan. 1864 July 1864	12 12 12	2 3 2 2	F	\$0, 40 . 50	per da	ay.	Jan. 1879	10 10	8	F	\$0.45 .70	per	day.
Jan. 1865	12 12	2	F	.50			Average	10	9	F	. 48	6.6	66
July 1865 Jan. 1866	12 12	4	F	. 67		44	July 1879	10	8	F	. 45	11	44
July 1866 Jan. 1867	12	5	F	67		11	4	. 10	1		. 70	66	
July 1867 Jan. 1868	12 11	5 4 6	F	. 67	64	 	Average	10	9	F	.48	54	
July 1868 Jan. 1869	11 11	6 4 6	F	. 67	+ 4	"	Jan. 1880	10 - 10	.1	F	.45	44	11
July 1869 Jan. 1870	11 11	5 7	F	. 67	4.4	11	·Average	10	7	F	. 481	4.4	16
July 1870 Jan. 1871	11 11	8	F	.67	4.6	16	July 1880	10	7	F	. 50	4.6	44
July 1871 Jan. 1872	11	8 5 4 2	F	.67	4.6	66	Jan. 1881	10	6	F	. 45		6.6
July 1872	11		F	. 67		**		10	2	F	. 50	"	Lt
Jan. 1873	11 11	2 2	F	. 58	14	4.6	Average	·	8	F	. 461	44	4.6
Average	11	4	F	. 62½	44	н	July 1881	. 10 10	5 8	F	.40	6.6	"
J uly 1873	11	4	F	. 67	61	**	Average	10	13	F	. 46	**	**
Jan. 1874	11 11	1 2	F	. 58 . 64	66	"	Jan. 1882	10 10	4 6	F	. 45 . 55	"	44
Average	11	3	F	. 62	4.6	44	Average	. 10	10	F	.51		44
July 1874	11 11	1 2	F	. 57	**	66	July 1882	10 10	5 6	F	. 45	44	11
Average	11	3	F	. 613	14	"	Average	10	11	F	. 50½	11	46
Jan. 1875	10 10	2 5	F	.58 .64½	44	"	Jan. 1883	10	6 5	F	.40	11	11
Average	10	7	F	. 621/3	44	11	Average	10	11	F	. 47	**	
July 1875	10 10	2 5	F	. 58 . 64½	66	66	July 1883	. 10 . 10	7 6	F F	. 40	44	**
Average	10	7	F	. 621		44	Average	10	13	F	. 47	66	**
Jan. 1876.	10 10	3 4	F	. 58 . 64½	64		Jan. 1884	10 10	9 4	F	. 45 . 55	"	"
Average	10	7	F	. 61½	44	**	Average	. 10	7	F	. 501	**	**
July 1876	10 10	5	F	.55	16	"	July 1884	1 10 10	3 2	F	. 45 . 55	"	4 6 6 6
Average	10	6	F	. 581	11	66	Average	10	5	F	. 49	"	44
Jan. 1877	10 10	6	F	.50	14	4	Jan. 1885	10 10	3 3	F	. 45 . 55	44	44
Average	10	7	F	. 53	į.	66	Average	10	6	F	. 50	44	44
July 1877	10 10	6 1	F	.50 .70	4.6	6 6 6 6	July 1885	10 10	3 4	F	. 45	44	**
Average	10	7	F	. 53	61	**	Average	10	7	F	. 501	44	11'
Jan. 1878	10 10	6 2	F	.50 .70	6 6 6 6	66	Jan. 1886	10 10	7 5	F F	. 65 . 85	"	44
Average	10	8	F	. 55	"	44	Average	10	12	F	. 731	46	44
July 1878	10 10	- 8 - 3	F	.50	44	44	July 1886	10 10	7 5	F	. 65 . 85	66	44
Average		11	æ	. 55}	66	45	Average	10	12	F	. 73	"	44

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS-Continued.

DRAWING	HANDS-	Concluded.
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Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of ·	wages
Jan. 1887	10 10	6	F	\$0. 50	per	day.	July 1889	10 10	5 4	F	\$0.50 .65	per	day.
Average	10	10	F	. 56	· c	\$ 6	Average	10	9	F	. 561	h 5	46
July 1887	10 10	6 4	F F	. 50 . 65	44	11	Jan. 1890	10 10	6	F	. 50 . 65	£ &	11 26
Average	10	10	F	. 56	6.6	66	Average	10	10	F	. 56	4.4	44
Jan. 1888	10 10	6 4	F F	. 50 . 65	44	11	July 1890	10 10	. 4	F	. 50 . 6 5	2.6	"
Average	10	10	F	. 56	4.6	11.	Average	10	10	F	. 56	6.6	16
July 1888	10 10	5 4	F	. 50 . 65	44	11	Jan. 1891	10 10	6 1	F	. 50 . 65	44	4 L
Average	10	9	F	. 56½	11	41	Av⊧rage	10	10	F	. 56	66	66
Jan. 1889	. 10 10	5 4	F F	. 50 . 65	"	44	July 1891	10 10	6 5	F	. 50 . 65	46	66
Average	10	9	F	. 561	4.6	6.6	Average	10	11	F	. 57	4.6	44

ENGINEERS.

Jan. 1879 July 1879 Jan. 1880 July 1880 Jan. 1881 July 1881	10 10 10 10 10	1 1 1 1 1	M M M M M M	2. 29 2. 29 2. 29 2. 29 2. 29 2. 29	per	day.	July 1885 Jan. 1886 July 1886 Jan. 1887 July 1887 Jan. 1888	10 10 10 10 10 10	1 1 1 1 1 2	M M M M M	2. 00 2. 00 2. 60 2. 00 2. 00 2. 00 1. 65	66 66 66 66	day.	
Jan. 1882 • July 1882 Jan. 1883 July 1883 Jan. 1884 July 1884 Jan. 1885	10 10 10	1 1 1 1 1	M M M M M M	2. 29 2. 29 2. 29 2. 29 2. 08½ 2. 08½ 2. 00	64 64 64	66 66 66 66	July 1888 Jan. 1889 July 1889 Jan. 1890 July 1890 Jan. 1891 July 1891	10 10 10 10 10 10	222222	M M M M M	1. 65 1. 65 1. 65 1. 65 1. 65 1. 65 1. 65	66 66 66 66 66	65	

FIREMEN.

Jan. 1876	10 10	2 2	M M	1.35 1.66½	per	day.	July 1879	10 10	1	M M	1.50 1.66½	per	day.
Average	10	4	M	1.501	44	64	Average	10	2	м	1.581	**	44
July 1876	10	2	M	1.661	4.4	4.6	Jan. 1880	10	1	м	1.50	4.6	16
Jan. 1877	10 10	2 2	M M	1.20 1.50	6 E	ş í	July 1880 Jan. 1881 July 1881	10 10 10	1 1 1	M M M	1.50 1.50 1.50	11	4.6
Average	10	4	M	1.35	4.6	14	Jan. 1882	10			. 00	-	"
Jan. 1878	10 10	27	M	1, 20 1, 50	11	4.5		10			1. 20	44	"
Average	10	4	M	1.35		44	Average'	10	2	M	1. 40	44	**
July 1878	10 10	2 1	M M	1. 20 1. 50	44	4.5	July 1882	10	1	М М	1.20 1.60	66	44
Average	10	3	М	1. 30	44	44	Average	10	2	М	1.40	. 4	44
Jan. 1879	10 10	2 1	M M	1. 20 1. 50	5 6 4 6	16	Jan. 1883	10 10	1	M M	1. 20 1. 60	66	**
Average,	10	3	M	1.30	**	44	Average	10)	2	м	1, 40	44	44

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

FIREMEN-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	rages.	Payroll of	Hours per day.	Different employés,	Sex	Rate	of w	vages.
July 1883	10 10	1	M M	\$1,20 1,60	per	day.	July 1886	10	1 1	M M	\$1.25 1.60	per	day.
Average	10	2	M	1.40	4.6		Average	10	2	М	1.421	1.6	**
Jan. 1884	10 10	, 1 1	M M	1, 20 1, 60	"	"	Jan. 1887	10 10	1 1	M M	1. 15 1. 65	"	**
Average	10	. 2	м	1.40	44	и .	Average	10	2	М	1. 40	11	4.6
July 1884	10 10	1 1	M M	1. 20 1. 60	44	"	July 1887	10 10	1	M M	1. 15 1. 65	6.4 6.6	6 L
Average	10	2	M	1.40	44	"	Average Jan. 1888	10	2 1	M M	1.40 1.10	11	44
Jan. 1885	10 10	1 1	M M	1.30 1.60	"	46	Average	10	3	M	1. 50	66	41
Average	10	2	M	1.45	"	11	July 1888	10 10	1 2	.M .M	1. 10 1. 50	44	"
July 1885	10 10	1 1	M	1,30 1,60	44	"	Average		3	<u>М</u>	1. 36	t t	**
Average	10	. 2	M	1.45	* *	4.6	Jan. 1889	10	. 1	M	1.50	44	4.6
Jan. 1886	10 10	1 1	M M	1. 25 1. 60	**	44	July 1889 Jan. 1890 July 1890	10 10 10 10	1 2 2	M M M M	1.50 1.50 1.50 1.50	**	"
Average	10	2	M	$1.42\frac{1}{2}$	4 1	44	Jan. 1891 July 1891	10	2 2	M	1.50	6 6	44

FOLDERS.

July 1870 Jan. 1872 July 1872	11 11 11	1 1 1	F	.90 per .90 ii	day.	Jan. 1887 July 1887	10 10	6	F	. 95 . 95	per	day.
Jan. 1873	.11 11	1 5	F	1.00 "	11	Jan. 1888	10	1 6	F	. 85	11	44
\mathbf{A} verage	11	6	F	. 98½ ''	**	Average	10	'	T	. 931		
July 1873 Jan. 1874	11 11	4 4	F	1.00 "	"	July 1888	10 10	1 7	F	. 85 . 95	4.6	44
July 1874 Jan. 1875	11 10	5 4	F	.90 "	44	Average	10	8	F	. 931	**	4.
July 1875 Jan. 1876 July 1876	10 10 10	5 5	F	. 82 '' . 95 '' . 95 ''	66	Jan. 1889	10 10	1 7	$_{ m F}^{ m F}$. 90 . 95	44	44
Jan. 1877 July 1877	10 10	5 5 3 5 5	F	.90 "	66	Average	10	8	F	. 941	44	4.6
Jan. 1878 July 1878 Jan. 1879	10 10 10 10	5 5 6 5	F	. 90 '' . 90 '' . 85 '' . 85 ''	11	July 1889	10 10	1 7	F F	. 90 95	"	44
July 1879 Jan. 1880 July 1880	10 10	5 5	F	.85 "	66 66	Average	10	8	F	. 911/2		44
Jan. 1881 July 1881 Jan. 1882 July 1882	10 10 10	5 5 4	F F F	.90 '' .90 '' .94 - ''	66 66 64	Jan. 1890	$10 \\ 10 \\ 10$	1 9	F F F	. 90 . 95 1. 00	6.6 6.6	**
Jan. 1883 July 1883	10 10	4 5 6	F	.94 "	44 41	Average	10	11 .	F	. 95	44	46
Jan. 1884 July 1884 Jan. 1885 July 1885	10 10 10	5 4 4	F	.92 "	66 66	July 1890	10 10 10	1 8 1	F F	. 90 . 95 1. 00	44 44	66 66
Jan. 1886 July 1886	10 10	6	F	. 92 "	"	Average	10	10	F	95	41	44

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS-Continued.

FOLDERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	vages.
Jan. 1891	10 10 10	1 7 1	F F	\$0.90 .95 1.00	per	day.	July 1891	10 10 10	1 9 1	F F	\$0.90 .95 1.00	per "	day.
Average	10	9	F	, 95	64	"	Average	10	11	F	. 95	4.6	44

FOREMEN, CARPENTERS.

July 1858 Jan. 1859 July 1859 Jan. 1860 July 1860 Jan. 1861 July 1861 Jan. 1862 July 1862 Jan. 1863 July 1863 Jan. 1864 July 1865 Jan. 1865 July 1865 Jan. 1865	13 13 13 13 13 13 12 12 12 12 12 12 12 12 12	111111111111111111111111111111111111111	M M M M M M M M M M M M M M M M M M M	1. 65 1. 65 1. 75 1. 75 1. 87 1. 87 1. 87 2. 00 2. 00 2. 00 2. 25 2. 50 2. 50 3. 00 3. 00	per day	July 1875 Jan. 1876 July 1876 Jan. 1877 July 1877 July 1877 July 1879 July 1879 Jan. 1880 July 1881 July 1881 July 1881 July 1882 July 1882 July 1882 July 1882	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M M	3. 18 3. 50 3. 50 3. 25 3. 25 3. 25 3. 25 3. 00 3. 00 3. 00 3. 00 3. 50 3. 50 3. 50 3. 50	68 66 16 66 66 66 66 66 66 66	day.	
Jan. 1867 July 1867 Jan. 1868 July 1868 Jan. 1869 July 1869 July 1869 Jan. 1870	12 12 11 11 11 11	1 1 1 1 1 1 1	M M M M M	3, 25 3, 25 3, 50 3, 50 3, 50 3, 50 3, 50	23 23 24 24 25 25 24 42 24 43 24 43 24 43	Jan. 1884 July 1884 Jan. 1885 July 1885 Jan. 1886 July 1886 July 1886 Jan. 1887	10 10 10 10 10 10	1 1 1 1 1 1 1 1 1	M M M M M M	3.50 3.50 3.50 3.50 3.50 3.50 3.50	66 66 66 66	44 44 44	
July 1870 Jan. 1871 July 1871 Jan. 1872 July 1872 Jan. 1873 July 1873	11 11 11 11 11 11	1 1 1 1 1 1	M M M M M	3, 75 3, 75 3, 75 3, 75 3, 75 3, 75 3, 50	64 64 64 64 64 64 64 64 64 64 66 64	July 1887 Jan. 1888 July 1888 Jan. 1889 July 1889 Jan. 1890 July 1890	10 10 10 10 10 10 10	1 1 1 1 1 1	M M M M M M	3.50 3.50 3.50 3.50 3.50 3.50 3.50	66 66 66 66	44 -44 -44 44 44	
Jan. 1874 July 1874 Jan. 1875	11 11 10	1 1 1	M M M	3. 50 3. 50 3. 18	46 66 66 66	Jan. 1891 July 1891	10 10	1 1	M	3. 50 3. 50		46	

FOREMEN, MACHINISTS.

July 1858	13	1	M	1.75	per	day.	Jan. 1871	11	1	M M	4.50	per	day.
Jan. 1859	13			1.75	44	44	July 1871	11	1		4.50		
July 1859	13	1	M	1.75			Jan. 1872	11	- 1	M	4.50	**	**
Jan. 1860	13	1	M	1.75	4.4	4.4	July 1872	11	1	M	4.50	44	44
July 1860	13	1	M	1.75	4.6	66	Jan. 1873	11	1	M.	3. 25	**	4.4
Jan. 1861	13	1	\mathbf{M}	1.75	6.6	4.6	July 1873	11	1	M	3.50	14	66
July 1861	13	1 1	M	1.75	4.4	4.4	Jan. 1874	11	1	M	3, 50	44	66
Jan. 1862	12	1	M	1.65	11	6.6	July 1874	11	1	М	3, 50	4.4	46
July 1862	12	1	M	1,65	4.4	6.6	Jan. 1875	10	1	M	3.18	4.6	66
Jan. 1863	12	1 1	M	2,00	4.4	4.4	July 1875	10	1	$\overline{\mathbf{M}}$	3. 18	4.4	6.6
July 1863	12	<u>ī</u>	M	2,00	6.6	6.6	Jan. 1876	10	ī	M	3, 50	4.4	4.6
Jan. 1864	12	1 1	M	2,08	4.4	6.5	July 1876	10	ī	M	3, 50	6.4	4.6
July 1864	12	3	M	2.25	6.6	66	Jan. 1877	10	ī	M	3.75	44	44
Jan. 1865	12	1 1	M	2, 50	6.6	6.6	July 1877	10	î	M	3, 75	6.6	64
July 1885	12	3	M	2.50	4.4	4.4	Jan. 1878	10	î	M	3.75	6.6	6.6
Jan. 1866	12	l il	\mathbf{M}	3.00	44	6.6	July 1878	10	î	M	8.75	6.4	44
July 1866	12	1 1	\mathbf{M}	3, 25	4.6	4.4	Jan. 1879	10	1	M	3, 75	44	6.6
Jan. 1867	12	l īl	$\overline{\mathbf{M}}$	3. 25	6.6	44	July 1879	10	\ 1	M	3, 00	44	41
July 1867	12	l īl	M	3,50	6.6	4.6	Jan. 1880	10	1	M	3.00	44	4.6
Jan. 1868	11	î	M	4.00	44	6.6	July 1880	10	1	M		٠.	44
July 1868	îî	l îl	M	4.50	64	64	Jan. 1881		4		3, 00	66	66
Jan. 1869	11	1 1	M	4.50	4.6	44			+ 1	M	3.00	66	66
Inly 1960	11	1 1	M	4.50	4.6	4.6	July 1881	10	1	M	3.00		
July 1869	11	†	M	4.50	44	66	Jan. 1882	10	1	М	3, 25	**	4.6
Jan. 1870					4.4	46	July 1882	10	1	M	3.50	66	4.6
July 1870	11	1 1	M	4.50	•••	••	Jan. 1883	10	1	М	3, 50	6.6	44

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

FOREMEN, MACHINISTS-Concluded.

Payroll of -	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of v	vages.
July 1883 Jan. 1884 July 1884 Jan. 1885 July 1885 Jan. 1886 July 1886 Jun. 1887	10 10 10 10 10 10 10 10	111111111111111111111111111111111111111	M M M M M M M M	\$3.50 per day. 3.50 " " 3.50 " " 3.50 " " 3.50 " " 3.50 " " 3.25 " " 3.25 " " 3.50 " "	Jan. 1888 July 1888 Jan. 1889 July 1889 Jan. 1890 July 1890 Jan. 1891 July 1891	10 10 10 10 10 10 10 10	1 1 1 1 1 1 1	M M M M M M M	\$3.50 per 3.50 " 4.00 " 4.00 " 4.00 " 4.00 " 4.00 " 4.00 "	day.
-		,		FOREMEN,	PAINTERS	S.			,	
July 1868 Jan. 1869 July 1870 July 1870 July 1870 July 1871 July 1872 July 1872 July 1872 July 1873 July 1873 July 1874 July 1875 July 1875 July 1876 July 1876 July 1876 July 1876 July 1876 July 1876 July 1876 July 1876 July 1878 July 1878 July 1878 July 1878 July 1878 July 1878 July 1878 July 1878 July 1878 July 1878 July 1878 July 1878 July 1878 July 1878 July 1878 July 1878 July 1879 July 1879 July 1879 July 1879 July 1879 July 1879	11 11 11 11 11 11 11 11 11 11 11 10 10 1	111111111111111111111111111111111111111	M M M M M M M M M M M M M M M M M M M	2.75 per day. 2.75 " " 3.00 " " 3.00 " " 3.00 " " 3.00 " " 3.00 " " 3.00 " " 3.00 " " 3.00 " " 3.00 " " 3.00 " " 3.00 " " 3.00 " " 4.3.00 " 4.3.00 " " 4.3.00 " " 4.3.00 " " 4.3.00 " " 4.3.00 " " 4.3.00 " 4.3.00 " " 4.3.00 " " 4.3.00 " " 4.3.00 " " 4.3.00 " " 4.3.00 " 4.3.00 " " 4.3.00 " " 4.3.00 " " 4.3.00 " " 4.3.00 " " 4.3.00 " 4.3.00 " " 4.3.00 " " 4.3.00 " " 4.3.00 " " 4.3.00 " " 4.3.00 "	July 1880 Jan. 1881 July 1881 Jan. 1882 July 1882 July 1883 July 1883 July 1884 July 1885 July 1885 July 1886 July 1887 July 1887 July 1888 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1890 Jan. 1890 July 1891	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1111117 111111	M M M M M M M M M M M M M M M M M M M	2. 50 per (2. 50 u) 2. 50 u) 2. 50 u) 2. 55 u) 2. 75 u) 2. 75 u) 2. 65 u) 2. 75 u) 3. 20 u) 3	day.

	12/10			
uly 1847	1. 62½ per day. 1. 62½ " " Jan. 1867 1. 62½ " " Jan. 1868 1. 62½ " " Jan. 1869 1. 62½ " " Jan. 1869 1. 62½ " " Jan. 1870 1. 62½ " " Jan. 1870 1. 62½ " " Jan. 1870 1. 62½ " " Jan. 1870 1. 62½ " " Jan. 1870 1. 75 " " July 1871 1. 75 " " July 1872 1. 75 " " Jan. 1873 2. 00 " " Jan. 1873 2. 00 " " Jan. 1873 2. 00 " " Jan. 1873 2. 00 " " Jan. 1874 1. 75 " " Jan. 1875 2. 00 " " Jan. 1875 2. 00 " " Jan. 1875 2. 00 " " Jan. 1875 2. 00 " " Jan. 1878 2. 00 " " Jan. 1878 2. 00 " " Jan. 1878 2. 00 " " Jan. 1878 2. 00 " " Jan. 1878 2. 00 " " July 1875 2. 00 " " July 1875 2. 00 " " July 1877 2. 00 " " July 1878 2. 00 " " Jan. 1878 2. 00 " " July 1878 2. 00 " " July 1878 2. 00 " " Jan. 1880 2. 25 " " Jan. 1880 3. 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M 2,50 per day, M 2,50 " "	

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS-Continued.

FOREMEN, YARD-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.		Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
July 1882	10	1	м	\$2.50	per day.	1	July 1887	10	í	M	\$2.25	per	day.
Jan. 1883	10	1	M	2, 50			Jan. 1888		1	M	9. 25	**	**
July 1883	10	ī	M	2, 50	44 44		July 1888	10	1	M	2.25	6.6	4
Jan. 1884	10	1	M	2, 50	66 66		Jan. 1889	10	1	M	2,50	8.4	1.1
July 1884	10	1	M	2, 50	66 66		July 1889	10	1	M	2.50	4.6	4.6
Jan. 1885	10	1	M	2, 50	E		Jan. 1890	10	1	M	2.50	5.6	4.6
July 1885	10	1	M	2, 50	64 44		July 1890		1	M	2.50	**	11
Jan. 1886	10	1	M	2, 25	66 66		Jan. 1891	10	1	M	2.50	4.4	6.6
July 1886	10	ī	M	2, 25	41 11	- 1	July 1891	- 10	1	М	2, 50	6.6	44
Jan. 1887	10	î	M	2. 25	44 66		.,	1	1				
					-	- 1		Ι,	1		1		

LAPPER TENDERS.

Jan. 1875 July 1875	10 10	,1 1	M	. 91	per	day.		Jan. 1887	10 10	1 2	M	.75	per	day.
Jan. 1876 July 1876 Jan. 1877	10 10 10	1 1	M M M	.91	44	"	1	Average	10	3	М	.85	**	44
July 1877 Jan. 1878 July 1878	10 10 10	*1 1 1	M M M	. 75 . 75 . 75	66	66	1	July 1887	10 10	$\frac{1}{2}$	M M	.75	66	16
Jan. 1879 July 1879 Jan. 1880	10 10 10	4 4	M M M	. 60	6.6 6.6	11 11		Average	10	3	М	. 85	. 4	٠,
July 1880 Jan, 1881 July 1881	10 10 10	1 1 1	M M M	. 75 . 80 . 80	6 6 6 6	66	1	Jan. 1888	10 10	1 2	M M	. 75 . 790	11	66
Jan. 1882 July 1882 Jan. 1883	10 10 10	2 2 2	M M M	. 85 . 85 . 85	6 4 6 4	4.		Average	10	3	M	. 85	4.4	
July 1883 Jan. 1884	10 10	2 2	M M	. 85 . 85	44	66 66		July 1888 Jan. 1889	10 10 10	2 2 2	M M M	. 80 . 80 80	41	44
July 1884 Jan. 1885 July 1885	10 10 10	2 2 2 2	M M M	. 85 . 85	11	64		July 1889 Jan. 1890 July 1890	10 10	4 4	M M	1 .80	66	**
Jan. 1886 July 1886	10	2 2	M M	.80	44	44		Jan. 1891 July 1891	10 10	1	М	1.00		

MACHINISTS.

		1	1	1			12 1		1		t .		
Jan. 1844 July 1844 Jan. 1845	13 13 13	1 1 1	M M M	1.00 1.16 1.16	per "	day.	Jan. 1848	13 13 13	1 2 4	M M M	1.08 1.25 1.50	per "	day.
July 1845	13 13	1 2	M M	1. 25 1. 33	"	44	Average	13-	7	Л	1.37	**	44
Average	13	3	M	1.30	٠	64	July 1848	13 13	1	M	1. 08 1. 161	11	
Jan. 1846	13 13	1 2	M M	1. 25 1. 50	**	14		13 13	1	M M	1.33° 1.50	66	**
A.verage	13	3	M	1. 413	41	44	Average	13	7	M	1.37	44	14
July 1846	13 13 13	3 6	M M M	1. 00 1. 25 1. 50	**	44	Jan. 1849	13 13 13 13	1 1 1 3	M M M	1. 08 1. 16½ 1. 33 1. 50	11	64 65
Jan. 1847	13 13 13	1 2 3	M M M	1, 00 1, 25 1, 50	64	6.6 6.6	Average	13	6	M	1. 341		44
Average	13	6	м	1. 331/2		44	July 1849	13 13 13	1 1	M M M	1.00 1.08 1.161	44	6.5 6.6 5.6
July 1847	13 13	2 3	M M	1.25 1.50	44	16		13 13	1 3	M	1.33 1.50	46	66
Average	13	5	M	1.40	**	41	Average.	13	7	М	1, 29		44

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

MACHINISTS-Continued.

Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1850	13 13 13	1 2 2	M M M	\$1.16½ 1.33 1.50	per	day.	Jan. 1859- cone'd.	13 13	2 6	M M	\$1.40 1.50	per	day.
Average		5	M	1.361	61	6.6	Average	13	24	M	1. 26	4.4	4.6
_					44		July 1859	13	2 3	M	. 75	14	14
July 1850	13 13	2 2	M	1. 25 1. 33	11	44		13 13	3	M	1. 15	5.6	4.6
	13 13	1	M	1, 50 1, 623	64	66		13 13	4 2	M	1.30	66	11
	13	î	M	1. 67	**	4.6		. 13	2 7	M	1,40 1,50	6.6	64
Average	13	7	M	1.42		**		13	23	-	1.30		14
Jan. 1851	13	_ 1	M	1.00		4.4	Average			M			
	13 13	2 2	M	1. 25 1. 33	6.6		Jan. 1860	13 13	1 4	M	. 75 1. 15	66	**
	13	1	M	1.621	44	44	,	13	3	M	1.25	+1	44
	13	1	M	1.67	. "			13 13	2 2	M	1.05 1.40	4.4	4.6
Average	13	7	M	1.35	4.4	4.6		13 13	9 2	M M	1.50 1.65	64	4.6
July 1851	13	* 1	M	1.16	**	4.6		13	1	M	1.75	4.6	4.6
	13	$\begin{vmatrix} 2\\1 \end{vmatrix}$	M M	1.33 1.50	64	44	Average	13	24	M	1.38	44	44
*	13	1	M	1.621		11	_	13	1	М	. 15		46
Average	13	5	М	1.39			July 1860	13	2	M	1.15	"	44
Jan. 1852	13	1	M	1.08	4.5	4.4		13 13	3 3	M	1, 25 1, 35		4.6
0 til. 1005	13	2	M	1.16	11	11	1	13	4	M	1,40 1,50	11	6.6
	13 13	2 1	M	1.33	11	6.4		13 13	7 3	M	+1.65		6.6
	13	1 1	<u> 7</u>	1.75		44		13	1	M	1.75	6.6	6.6
Average	13	7	М	1. 33	6.6	4.5	Average	13	24	M	1.40	**	4.6
\mathbf{J} uly 1852	13 13	1	M	1. 25 1. 33	6.6	13	Jan. 1861		- , 1	М	. 83	44	4.6
	13	4	ZI	1.50	4.4	4.6		13	1 3	M	$\frac{1.25}{1.35}$	4.6	4.6
Average	e 13	6	M	1.43		41	:	13 13	7	M	1.50 1.65	11	4.6
Jan. 1853	13	1	M	1.33		6.6		13	î	М	1.75	1.5	
0 am. 1000	13	2	M	1.50	66	44	Average	e 13	14	М	1.43		6.6
	13	1 1	M	1. 62 1. 67	6.6	4.6				1		6.6	44
Āverage	e - 13	5	M	1.52	- 1 ''	4.4	July 1861	13	1	M	. 83 1, 25	44	44
July 1853	13	4	M	1.62	**	44		13 13	1	M	1, 35	6.6	4.6
0 tily 1030	13	2	M	1.67	44	44	.	13	5 3	M	1.50 1.65	11	44
	13	1	M	1.87				13 13	i	M	1. 75	6.6	4.4
Average		7	M	1. 67		44	Averag	е. 13	13	M	1.46		**
Jan. 1854	13	2	M	1. 62 1. 75	11	5.4	Jan. 1862	12	, 2	· M	. 83	6.6	
	13	. 1	M	1. 87		41	Jan. 1002	12 12	1 1	M	1. 15 1. 35	4.6	11
Average	e 13	7	M	1.69	-	4.4		12 12 12	4 2	M	1.50	6.6	4.6
July 1858	13 13	3 3	M	. 75 1. 15	14	11		12	ĩ	М	1. 75	11	16
	13	3	M	1.25	11	- 1	Averag	e 12	14	М	1.33	"	**
	13 13	3	M	-1. 30 1. 40		44				35			"
-	13	В	M	1,50	- "	* *	July 1862	12	1	M M	. 75	4.6	+4
Average	e 13	22	М	1.28	1 11	4.6		12	2	M M	1.15	4.6	14
Jan. 1859		3	м	. 75	11	44		12	1	\mathbf{M}	1,40 1,50	16	4 5 6 4
	13 13	4 3	M	1. 15 1. 25		44		12 12	10		1.75	6.	4.4
	13	2		1.30 1.35	44	44	Averag	e 12	17	M	1,37		54
	13	. 4	1 748	. 1. 00					-				

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued. MACHINISTS—Continued.

employes.	Sex.	Rate	e of	wages
10	M M M	\$2, 00 2, 25 2, 50 2, 75	per	day.
23	M.	2.12	44	44
2 2 2 3 6	М М М М	1. 50 1. 75 2. 00 2. 25 2. 50 2. 75	66	66 66 66 66
16	м	2.181		44
2 3 4	M M M	1. 25 1. 50 1. 75 2. 00 2. 25		66 66 66
	M	2, 75	14	4.6
	M M	2. 18 1. 50	44	**
1 3	M M	1.75 2.00	**	
1 .	M	2. 50 2. 75	**	44
	- {			16
1 2 2 9	M M M	1. 75 2. 00 2. 25 2. 50 2. 75	66	66
20	м	2. 15	44	4.6
	М М М	1. 50 2. 00 2. 25 2. 50 2. 75	6.6 6.6 6.6 6.6	66 66 66 66
19	M	2.16	46	
3 2 5 7 2	M M M M M	1.50 1.75 2.25 2.50 2.75	66 66	66 46
19	м	2.221		6.6
12 2 5	M M M M	1.50 1.75 2.00	44	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
-8	М	2.50	£4 ££	44
30 6 1 5	M M M	1. 96 1. 50 1. 75 2. 00	44	44
7	M	2. 25 2. 50	1.4	44 44
24		2.75		45
	1 23 2 2 2 2 3 6 1 1 1 1 1 1 1 1 1	1 M 23 M 22 M 22 M 3 M 6 M 1 M 16 M 16 M 1 M 22 M 3 M 4 M 4 M 1 M 22 M 3 M 4 M 1 M 22 M 3 M 4 M 1 M 2 M 2 M 3 M 1 M 2 M 2 M 3 M 1 M 2 M 2 M 3 M 1 M 2 M 2 M 3 M 1 M 2 M 3 M 1 M 2 M 3 M 1 M 2 M 3 M 1 M 2 M 3 M 1 M 2 M 3 M 1 M 3 M 4 M 1 M 3 M 4 M 1 M 3 M 4 M 1 M 3 M 4 M 5 M 6 M 6 M 6 M 6 M 6 M 6 M 6 M 6 M 7 M 1 M 1 M 1 M	1 M 2.75 23 M 2.12 2 M 1.50 2 M 2.00 3 M 2.25 6 M 2.55 6 M 2.55 1 M 2.75 16 M 2.18 1 M 1.25 2 M 1.75 3 M 2.25 4 M 2.50 4 M 2.25 9 M 2.50 1 M 2.75 22 M 2.18 4 M 1.50 2 M 2.75 24 M 1.75 3 M 2.00 4 M 2.25 7 M 2.50 1 M 2.75 26 M 2.18 27 M 2.50 28 M 2.50 29 M 2.18 20 M 2.75 21 M 2.50 21 M 2.50 22 M 2.18 25 M 2.50 26 M 2.50 27 M 2.50 28 M 2.50 29 M 2.50 20 M 2.15 20 M 2.15 21 M 2.50 22 M 2.25 23 M 2.50 24 M 2.50 25 M 2.50 26 M 2.50 27 M 2.50 28 M 2.50 29 M 2.50 20 M 2.15 20 M 2.75 21 M 2.75 22 M 2.50 23 M 2.75 24 M 2.50 25 M 2.50 26 M 2.75 27 M 2.50 28 M 2.50 29 M 2.75 20 M 2.25 20 M 2.25 21 M 2.75 22 M 2.50 23 M 2.50 24 M 2.50 25 M 2.50 26 M 2.25 27 M 2.50 27 M 2.50 28 M 2.50 29 M 2.25 20 M 2.255 20 M 2.255 20 M 2.255 21 M 2.50 22 M 2.255 23 M 2.50 24 M 2.55 25 M 2.205 26 M 2.255 27 M 2.55 28 M 2.55 29 M 2.255 20 M 2.255 20 M 2.255 20 M 2.255 21 M 2.75	1 M 2.75 " 23 M 2.12 " 2 M 1.50 " 2 M 1.75 " 2 M 2.25 " 6 M 2.50 " 1 M 2.75 " 16 M 2.18½ " 1 M 1.50 " 2 M 1.50 " 3 M 2.25 " 6 M 2.50 " 1 M 2.75 " 22 M 1.75 " 3 M 2.00 " 4 M 2.25 " 4 M 2.50 " 4 M 2.50 " 4 M 2.50 " 1 M 1.75 " 3 M 2.00 " 4 M 2.75 " 22 M 2.18 " 4 M 1.50 " 1 M 1.75 " 3 M 2.00 " 4 M 2.75 " 22 M 2.18 " 4 M 1.50 " 1 M 1.75 " 3 M 2.00 " 2 M 2.50 " 1 M 2.75 " 20 M 2.14 " 5 M 1.50 " 1 M 2.75 " 20 M 2.16 " 3 M 2.00 " 3 M 2.00 " 4 M 2.25 " 9 M 2.50 " 1 M 2.75 " 20 M 2.16 " 3 M 1.50 " 3 M 2.00 " 4 M 2.75 " 20 M 2.15 " 30 M 1.75 "

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued. MACHINISTS—Continued.

				MACHINIST	S-Continue	ed.					
Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés	Sex.	Rate	of w	ages.
July 1872	11 11 11 11 11 11	4 3 6 - 5 4 3	M M M M M	\$1.50 per day. 1.75 " " 2.00 " " 2.25 " " 2.50 " "	July 1876	10 10 10 10 10 10	3 H 1 2 1 1	M M M M M M M	\$1.25 1.50 1.80 2.00 2.25 2.35 2.40	per	day.
Average	11	25	М	2.11 " "	A vove	10	12	M		44	44
Jan. 1873	11 11 11 11 11 11	4 5 1 8 10 10	M M M M M M	1.00 4 11 1.50 4 4 1.75 4 4 2.00 4 12 2.25 4 4 2.75 4 4	Average	10 10 10 10 10 10	1 2 2 2 2 2 2	M M M M M M	1. 75½ 1. 00 1. 15 1. 40 1. 70 1. 90 2. 00	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	44 44 44 44
Average	11	39	M	2.04 " "		10	1 4	M	2.15 2.20	44	44
July 1873	11 11	4	M M	1.50 " "		10 10	1 1	M	2. 40 2. 50	"	"
	11 11	4 2	M	2. 00 " " " 2. 25 " "	Average	10	17	М	1.83	44	46
A verage	11 11 11 11	1 18	M M M	$-\frac{2.50}{2.75} & " & " \\ 2.87 & " & " \\ 2.16 & " & "$	July 1877	10 10 10 10	3 2 2 2	M M M M	1. 15 1. 40 1. 70 1. 90	44 44	61 64 66
Jan. 1874	11 11 11 11 11 11	3 2 5 3 3 2 2	M M M M M M	1.50 " " 1.75 " " 2.00 " " 2.25 " " 2.33 " " 2.50 " " " 2.75 " " "	Average		3 1 5 1 1 20	M M M M	2. 00 2. 15 2. 20 2. 40 2. 50 1. 87½	44 44 45 44	16
Average	11	20	M	2.11 " "	Jan. 1878	10 10	3 1	M	1. 15	44	4 6 6 6
J uly 1874	11 11 11 11 11	4 6 3 3 2	M M M M	1.50 44 44 2.00 44 44 2.25 44 44 2.50 44 44 2.75 44 44	;	10 10 10 10 10	1 2 3 2 5	M M M M M M	1.70 1.90 2.00 2.10 2.20 2.50	14	44
Average	11	18	М	2.091 " "	Average	10	18	M	1.89	11	44
Jan. 1875	10 10 10 10 10 10 10	3 1 5 3 2 1 1	M M M M M M	1.361 " " 1.59 " " 1.82 " " 2.041 " " 2.271 " " 2.39 " "	July 1878	10 10 10 10 10 10 10 10	3 1 1 2 3 2 5	M M M M M M M	1. 15 1. 40 1. 70 1. 90 2. 00 2. 10 2. 20 2. 50	66 66 66 66 66 66 66 66 66 66 66 66 66	46 46 46 46 46
Average	1	16	M	1. 893	Average	- 10	18	М	1.89	44	44
July 1875	10 10 10 10 10 10 10	3 1 5 3 2 1 1	M M M M M M	1. 36½ " " 1. 59 " " 1. 82 " " 2. 04½ " " 2. 27½ " " 2. 39 " " 2. 50 " "	Jan. 1879	10 10 10 10 10 10 10	1 2 3 4 3 2 1	M M M M M M	1. 05 1. 15 1. 30 1. 75 1. 80 1. 90 2. 05	44 44 44 44 44 44	66 66 66 66 66
Average	10	16	M	1.89½ " "		10 10	2	M	2. 25 2. 50	46	66
Jan. 1876	10 10 10 10 10 10 10 10	3 4 3 4 4 2 1	M M M M M M	1. 25 " " " 1. 50 " " " 2. 00 " " " " 2. 27½ " " " 2. 27½ " " " 2. 250 " " " 1. 92 " " " " 1. 92 " " " " " " " " " " " " " " " " " "	Average July 1879	10	19 2 3 2 4 2	M M M M M M	1.71 1.05 1.15 1.30 1.75 1.80 1.90	46 41 41 45 46	66 46 44 46 66
Average	. 10	. 41	ALL.	21 24			_				

REPORT OF THE COMMITTEE ON FINANCE.

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

MACHINISTS -Continued.

				M.A.	CHINIST	'S —Conti n uç	ed.		-			
Payroll of—	Hours per day.	Different employés.	Sex.	Rate of	wages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of v	wages.
July 1879- cone'd.	10 10	1	M M	2.05	r day.	Jan. 1883- cone'd.	10 10 10	3 4 2	M M M	\$1. 90 2. 25 2. 50	per	day.
Average	10	17	M	1.58 ''	. "	Average	10	18		1.87	61	4.1
Jan. 1880	10 10 10 10 10 10 10 10	1 2 1 8 3 9 1 2 1	M M M M M M M M	1. 05 " 1. 25 " 1. 30 " 1. 75 " 1. 80 " 1. 90 " 1. 2. 10 " 1. 2. 25 " 1. 41 "	66 66 66	July 1883	10 10 10 10 10 10 10 10	1 5 2 2 2 1 5	M M M M M M	1. 20 1. 50 1. 75 1. 80 1. 90 2. 00 2. 25 2. 50	66 64 64 64 64	16 61 61 66 41 64
Average	, 10	17	M	1.741 "	"	Average	10	20	M	1.893	· 44	4.6
July 1880	10 10 10 10 10 10 10	2 1 7 5 1 2	M M M M M M M	1. 05 "1 1. 25 "1 1. 30 "1 1. 75 "1 1. 90 "1 2. 00 "1 2. 10 "1 2. 50 "1	E	Jan. 1884	10 10 10 10 10 10 10 10	-1 1 6 1 3 3	M M M M M M M	1. 15 1. 25 1. 50 1. 75 1. 90 2. 00 2. 25 2. 50	46 46 46 46	66 66 66 66 66 66 66
Average	10	20	M	1.75½ "	44	Average	10	19	M	1.791	44	
Jan. 1881	10 10 10 10 10 10 10 10	1 2 5 1 4 1 2	M M M M M M M	1. 05 " 1. 30 " 1. 50 " 1. 75 " 1. 80 " 1. 90 " 2. 00 " 2. 25 " 2. 50 "	44 44 44 44 44 44 44	July 1884	10 10 10 10 10 10 10	3 1 6 3 5 2 4 3	M M M M M M M	1. 15 1. 25 1. 50 1. 75 1. 90 2. 00 2. 25 2. 50	64 66 66 66 74	46
Average	10	20		1.761 "	44	Average	10	27	M	1,81½	44	44
July 1881	10 10 10 10 10 10 10 10	2 1 1 5 2 6 2	M M M M M M M	1. 05	66 66 66 66 66 66 68	Jan. 1885	10 10 10 10 10 10 10 10	3 2 5 3 1 5 1 2 2	M M M M M M M	1.00 1.20 1.50 1.65 1.80 1.90 2.10 2.25 2.50	64 64 64 64 64	66 64 66 66 66 66 66 66
Average	10	20	M	1.781 "	44	Average	10	24	М	1.70	4.6	**
Jan. 1882	10 10 10 10 10 10 10	3 4 3 2 5 3 1	M M M M M M M	1. 10 ". 1. 50 ". 1. 75 ". 1. 80 ". 1. 90 ". 2. 25 ". 2. 50 ".	65 65 65 65 65	July 1885	10 10 10 40 10	8 2 7 4 2 7	M M M M M M	1. 00 1. 20 1. 50 1. 65 1. 80 1. 90	41 41 41 41 41	66 66 66 66
Average	10	21	M	1.751 "	6.6		10 10.	3 2	М	2. 25 2. 50	44	44
July 1882	10 10 10 10 10 10 10 10	6 1 1 3 1 4	M M M M M M M	1. 10 " 1. 50 " 1. 75 " 1. 80 " 1. 90 " 2. 00 " 2. 25 " 2. 50 "	6 t t t t t t t t t t t t t t t t t t t	Average Jan. 1886	10 10 10 10 10 10	32 2 1 2 3	M M M M M	1.73 1.00 1.20 1.45 1.50 1.75	44 44 44 44 44	46 46 46 46 46 46
Average	10	20	M	1.821 "	**		10 10	3 2	M	1.80	64	6.6
Jan. 1883	10 10 10 10	1 5 2 1	M M M M	1. 20 " 1. 50 " 1. 75 " 1. 80 "	44 44	Average	10 10 10	3 1 3	M M M	2. 00 2. 10 2. 25	44	14

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

MACHINISTS Concluded.

Payroll	Hours	Different					Payroll	Hours	Different			-	
of—	day.	employés.	Sex.	Rate	of v	vages.	of—	day.	employés.	Sex.	Rate	of v	vages.
July 1886	10 10	3	M M	\$1.00 1.20	per	day.	Jan. 1889- conc'd.	10	1 1	M M	\$1.35 1.45	per	day,
	10		M	1. 45	4.6	4.6	еоне и.	10	1	M	1.50	6.6	
	10	2	M	1.50		44		10	1	M	1.60	6.4	6 L
	10 10	1 2 3 3	M	1.75	11	44	[]	10	4	M	1.75	66	64
	10	2	M	1.90	14	4.6	lì.	10	1 1 1	M	1.90	6.6	44
	10	3	M	2,00	6.6	4.4	li	10	1	M	2.00	6.6	4.4
	10 10	1 2	M	2. 10 2. 25	4.6	4.6		10 10	1 7	M	2. 10	44	66
			141	2.20				10	7	M	2. 25 2. 35	6.6	44
Average	10	22	21	1.67	,	6.6		10	3	. М	2.75	6.6	14
Jan. 1887	10 10	3	M	1.00 1.20	4.6	4.6	Average	10	25	M	1.971	- "	6.6
	10	1_	M	1.30	4.6	44	July 1889	10	2	М	1.15	4.6	4.6
	10 10	1 3	M	1.45	4.6	66	1	10 10	1	M	1.35	66	44
	10	I	M	1. 50	6.6		F	10	Î	M	1.45		66
	10	1	M	1.80	4.6			10	1	M	1.60	6.6	11
	10	4	M	1.90		44		10	3	M	1.75		44
	10	1	M	$\begin{array}{c} 2.00 \\ 2.10 \end{array}$	4.6	6.6	II	10	1 1 3	M	1.80		44
	10	5	M	2. 25		4.6		10	3	M	2, 00		14
a .	10	1	M	2. 35	61	6.6		10	1	M	2. 10	11	66
	10	1	М	2.50			1	10	9	M M	2. 25 2. 35		"
Average	10	27	М	1.801				10	4	M	2. 75	1.6	4.4
July 1887	10 10	4	M	1.00	14		Average	10	29	М	2. 03	4.4	" /
	10	1	M	1. 20 1. 25	66	44	Jan. 1890	10	, 1	M	1.35	66	64
	10	1	M	1.30 1.50	16	8 6 6 6		10 10	5	M	1.50 1.60	11	44
	10	2	M	1.80	1.6	64		10	1 2	M	1.75	4.6	4.4
	10	4.	M	190	"	8.6		10	2 3	M	1.90	LL	66
	10	4	M	2.00	41	44		10	2 7	M	2.00	6.6	44
	- 10	1 5	M	2. 25	6.6	4.6		10	i	M	2, 25 2, 75	64	44
	10	1	M	2.35 2.50	**	46	Average		22		1. 911	"	44
Average	10	26	M	1.78	£ £	44	July 1890	10	2	М	1.00	13	
_			3.5	1=		44		10	1 7 1 2	M	1.35	61	44
Jan. 1888	10 10	4 2	M	1. 25 1. 30	64	6.6	-	10	1	M	1.50 1.60	6.6	66
	10	1	M	1.45		11		10	2	M	1.75	4.6	4.6
	10	2	M	1.50		64	1	10 10	4	M	1.90 2.00	44	44
	10 10	1 2 2	M	1. 60 1. 75		4.6	11	10	1 1	M	2.10	4.4	4.6
	10		M	1.80	**	6.6	1	10	8	M	2. 25	4.6	**
	10 10	1 2	M	1.90 2.00	11	64		10	1	М	2.75		**
	10 10 10	2 6	M	2. 10	11	"	Average	10	28	M	1.831	11	64
	10 10	1 2	M	2. 35	11	66	Jan. 1891	10 10	1 8	M M	1.35 1.50	11	**
		ļ		ļ				10	1	M	1.60	4.4	4.4
Average	10	28	M	1.861	14	4.6	H	10	3	M	1.75	6.6	44
July 1888	10	3	M	1. 15	6.6	66		10 10	2 3	M	1.90 2.00		61
-	10	2	M	1.30	66	11	1	10	7	M	2.25		4.6
	10 10	1 2	M	1.45 1.50	4.6	**	li .	10	1	M	2.75		4.6
	10 10	2 3	M	1.60	44	44	Average	10	26	M	1.861	4.6	44
	10	1	M	1.80	4.6	44	July 1891	10	1	м	1.35	16	44
	10	1	M	1.90	66	44	U diy 1001	10	6	M	1,50	6.4	44
	10 10	3	M	2.00 2.10	4	"	H	10	1	м	1.60	11	44
	10	3 5	M	2, 25	4.4	6.6		10	$\frac{2}{1}$	M	1.75 1.90	44	
	10	1 2	M	2.35 2.75	11	44	!	10	2	M	2.00	6.4	4.5
	10		M		"	"		10 10	12 1	M M	2. 25 2. 75	64	64
Average Jan. 1889	10 10	29 2	M	1.86½ 1.15	"	46	Average		26	M	1.961	"	¢ t
имп. 1009	10		""	1.10				1					

TABLE XII. -- RATES OF WAGES FOR 52 YEARS-Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

MASONS.

Payroll of—	Hours per day.	Differen employé		Rate	of 1	wages.	Payroll of	Hours per day.	Different employés.		Rate	e of	wages
July 1873	п	2	м	\$4.00	per	day.	Jan. 1882	10	1	M	\$2.25	per	day.
Jan. 1874	11	1	м	4.00	6.6	6.6	July 1882 Jan. 1883	10-	1	M	2. 25 2. 50	44	64
0 am. 1674	ii	i		4.50	64	66	July 1883	10	1	M	2.80	66	66
	- 44			2. 00			Jan. 1884	10	i	M	3.00	- 16	66
Average	11	• 2	M	4. 25	6.6	4.6	July 1884	10	î	M	3. 25	46	66
_		-					Jan. 1885	10	1	M	2.30	66	4.4
July 1874	11	1	M	4.00	4.6	44	July 1885	10	1	м	2.30	66	66
		İ					Jan. 1886	10	1	М	2.30	44	**
Jan. 1875	10	1	M	3.75	6.6	44	July 1886	10	1	M	2.30	44	11
	10	1	M	4.00	66	**	Jan. 1××7	10	1	M	2.35	4.4	4.6
A	10		3.5	0.071	44	4.6	July 1-27	10	1	M	2.35	62	44
Average 4	10	2	M	3.87 <u>1</u>	•••	••	Jan. 1888	10	1	M	2.50	44	66
July 1875	10	1	м	3, 75	6.6	6.6	July 1888	10	1	M	2.50	**	••
0 my 1013	10	i		4.00	66	64	Jan. 1889	10	2	M	1. 75	4.6	4.6
	10			-E-00			0 AH. 1000	10	1	M	2. 25	44	66
Average	10	2	M	3.871	44	44		10	i	M	3. 75	6.6	4.6
Jan. 1876	10	1	м	3, 00	64	44	Average	10	4	м	2.371	6.6	46
July 1876	10	î	M	3.00	4.6	4.	II Ziverage	10	*	TATE.	2.018		
Jan. 1877	10	ī	M	3.00	6.6	2.6	July 1889	10	4	M	1.75	4.6	4.6
July 1877	10	i	M	3,00	8.6	6.6	3	10	ī	M	2. 25	54	6.6
Jan. 1878	10	1	31	2.00	6 6	6.6		10	5	M	3.75	6.6	6.6
July 1878	10	1	M	2, 60	6.6	6.6	11 !	-6					
Jan. 1879	10	1	M	1.72	6.6	4.6	Average.	10	10	M	2.80		66
July 1879	10	1		$1.72\bar{2}$	6-6	66	Įt.			1			
Jan. 1880	10	1		2.00		66	Jan. 1890	10	1	M	2, 50	4.5	4.6
July 1880	10	1	M	2. 15	6.6	44	July 1890	10	1	М	2.50		44
Jan. 1881	10	1	M	2.15	66	66	Jan. 1891	10	1	М	2. 50	66	6.6
July 1881	10	1	M	2. 15	**	••	July 1891	10	1	M	2.50	4.6	**

OPENERS.

								1					
Jan. 1873	11	2	M	1. 33	per	-	July 1878	10 10	1 3	M M	.85 1.00	per 	day.
July 1873	11 11	2 3	M	1. 25 1. 33	**	46	Average	10	4		. 961	64	**
Average	11	5	М	1.30	- 44	44	Jan. 1879	10 10	2	M M	. 80 1. 05	66	44
Jan. 1874 July 1874	11 11	3 2	M M	1. 13 1. 13	44	44	Average	10	3	M	. 881	44	**
Jan. 1875 July 1875	10 10	3 2 2 2	M	1. 021 1. 021		46	July 1879	10 10	2	M	.80 1.05	16	44
Jan. 1876	10 10	1 1	M M	1.00 1.024	44	6.6	Average	10	3	М	. 881		64
Average	10	2	М	1.013		64	Jan. 1820	10 10	2	<u>м</u> м.	. 80 1. 05	46	**
July 1876	10	2	M	. 90		er	Average	10	3	М	. 881	6.6	44
_	10	2 2	M	1. 10		"	July 1880	10 10	1 1	M M	. 95 1. 10	46	16
Average	10	4	М	1.00	64	**	Average	10	2	М	1. 021	4.6	"
Jan. 1877	10 10	2 2	M M	. 85 1. 00	66	66	Jan. 1~1	10 10	1	М М	. 95 1. 10	46	44
Average	10	4	м	. 924	44	66	Average	10	2	М	1.021	5.6	44
July 1877	10 10	2 2	M M	. 85 1. 00	66	44	July last	10 10	2 1	M M	. 95 L 10	44	"
Average .	10	- 4	м	. 924	64	44	Average	10	3	М	1.00	46	**
Jan. 1878	10 10	2	M M	. 85 1. 00	44	44	Jan. 1882	10 10 10	2 2 1	M M M	. 95 1. 05 1. 15	46	46
Average.	10	5		. 94	44	44	Ayerage	10		M	1. 13	16	66

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

OPENERS-Concluded.

Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of -	Hours per day.	Different employés.	Sex.	Rate	of	wages.
July 1882	10 10 10	1 1 1	M M M	\$0. 95 1. 05 1. 15	per	day.	Jan. 1888 July 1888 Jan. 1889 July 1889	10 10 10 10	4 4 4	M M M	\$1,00 1,00 1,00 1,00	per	day.
Average	10	3	М	1.05	44	11	9 (117, 1993	. 10		ML	1.00		
Jan. 1883	10 10	1 1	M M	, 95 1. 05	11	66	Jan. 1890	10 10 10	1 4 2	M M M	. 80 1. 00 1. 25	6 6 6 6	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
Average July 1883	10	2	M	1.00	11	44	Average	10	7	м	1.041	41	**
0 taly 1000	10	î	M	1, 05	1.6	4.6	July 1890	10	2	м	.80		
Average	10	2	M	1. Q0	, ,	44	9 (1) 1000	10	3 3	M	1. 00 1. 25	66	4.6
Jan. 1884 July 1884 Jan. 1885	10 10 10	2 1 1	M M M	1.00 1.00 1.00	4.6 4.6 4.6	11 11 11	Average		В	М	1.041	4.1	
July 1885 Jan. 1886 July 1886	10 10 10	1 1 1	M M M	1.00 1.00 1.00	44	15	Jan. 1891	10 10 10	4 2 2	M M M	1.00 1.25	4 6 6 1 8 4	46 46
Jan. 1887	10 10	\ 4 1	M M	1.00 1.15	44	44	Average	<u> </u>	8	М	. 96½		**
Average	10	5	_M	1.03	4.6	41	T-v7-v 1901	10	5	м	.80	• 6	44
July 1887	10 10	3 1	M M	1.00 1.15	**	11	July 1891	10 10	5 1	M M	1.00 1.25	"	H 44
A.verage	10	4	М	1.031	4.4	44	Average	10	11	M	. 93	**	4.4

OVERSEERS, CARDING DEPARTMENT.

			,										
July 1842	13	1	M	2.00	per	day.	July 1864	12	1	м	2, 25	per	day.
Jan. 1843	13	l î	M	2.00	Por	11	Jan. 1865	12	î	M	2, 25	Lier	ii i
July 1843	13	l ī	M	2.00	4.4	6.4	July 1865	12	ĩ	M	2. 25	1.6	4.6
Jan. 1844	13	Ī	M	2.00	1.6	44	Jan. 1866	12	1	M	2.50	4.6	1.6
July 1844	13	ī	M	2.00	6.6	6.6	July 1866	12	ī	M	2.50	6.6	4.4
Jan. 1845	13	1	M	2.00	44	6.6	Jan. 1867	12	1	M	2.50	t c	
July 1845	13	1	M	1.75	6.6	4.6	July 1867	12	1	\mathbf{M}	2, 75	6.6	6.6
Jan. 1846	13	1	M	2.00	1.6	6.6	Jan. 1868	11	1	M	2,75	4.6	4.6
July 1846	13	1	M	2.00	f.e.	64	July 1868	11	1	M.	2.75	6.6	6.6
Jan. 1847	13	1	M	2,00	4.6	4.6	Jan. 1869	11	1	M	2.75	6.6	6.6
July 1847	13	1	M	1.75	4.6	4.6	July 1869	11	1	\mathbf{M}	2.75	1.6	6.6
Jan. 1848	13	1	M	2.00	r.c	"	Jan. 1870	11	1	M	2.00	6.6	6.6
July 1848	13	1	M	2.00	44	11	July 1870	11	1	M	2.08	11	
Jan. 1849	13	1	\mathbf{M}	2.00	4.6	* *	Jan. 1871	11	1	M	2.08	6.6	41
July 1849	13	1	M	2.00	46	4.6	July 1871	11	1	\mathbf{M}	2.08	1.0	
Jan. 1850	13	1	M	2.00	44	4.4	Jan. 1872	11	1	M	2. 25	£16	6.6
July 1850	13	1	M	2.00	64	4.1	July 1872	11	. 1	M	2.50	6.6	4.4
Jan. 1851	13	1	M	2.00	2.6	4.4	Jan. 1873	11	1	M	2.50	4.6	1.1
July 1851	13	1	M	2.00	44	61	July 1873	11	1	M	2.67	6.6	
Jan. 1852	13	1	M	2,00	4.6	11	Jan. 1874	11	1	M	2.67	11	14
July 1852	13	1	M	1.50	4.4	4.6	July 1874	11	1	M	2, 67	"	61
Jan. 1853	13	1	M	1.50	4.4	6.6	Jan. 1875	10	1	M	2.721		14
July 1853	13	1	\mathbf{M}	1.50	(5	44	July 1875	10	1	М	$2.72\frac{1}{2}$	4.6	44
Jan. 1854	13	1	M	1.50	44	44	Jan. 1876	10	1	M	$2.72\frac{7}{3}$	66	**
July 1854	13	1	M	1.50	14	11	July 1876	10	1	M	$2.72\frac{7}{2}$	44	44
Jan. 1855	13	1	M	1.75	46.	66	Jan. 1877	10	1	M	2. 721	44	46
July 1855	13	1	M	2. 25	4.4	64	July 1877	10	1	M	2.72	44	44
July 1858	13	1	M	2.00	46	66	Jan. 1878	10	1	M	2. 721	44	44
Jan. 1859	13	1	M	2, 00		66	July 1878	10	1	M	2.72	6.6	66
July 1859	13	1	М	2.00		46	Jan. 1879	10	1	M	3. 25	16	
Jan. 1860	13	1	M	2.00	4.6		July 1879	10	1	M	3, 25 3, 25	4.4	
July 1860	13	1	<u>M</u>	2,00	66	15	Jan. 1880	10	1			44	64
Jan. 1861	13	1	M	2.00	66	16	July 1880	10	1	M	3. 25 3. 25		
July 1861	13	1	M	2.00		66	Jan. 1881	10	1	M	3. 25	44	
Jan. 1862	12	1	M	2.00	14	64	July 1881	10		M	3, 20	16	
July 1862	12	_ 1	M	1.50	64	44	Jan. 1882	10	1	M	3, 25	66	14
Jan. 1863	12	1	M	2.00	66	44	July 1882	10	i	M	3. 25	66	44
July 1863	12	1	M	2.00		44	Jan. 1883	10	1	M	3, 25	46	69
Jan. 1864	12	Ť	\mathbf{M}	2.00	**	-,-	July 1883	10		AT.	0.00		

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS-Continued.

OVERSEERS, CARDING DEPARTMENT-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of wages.
Jan. 1884 July 1884 Jan. 1885 July 1885 Jan. 1886 July 1886 Jan. 1887 July 1887	10 10 10 10 10	1 1 1 1 1 1	M M M M M M M M	\$3, 25 3, 25 3, 25 3, 25 3, 50 3, 50 4, 00 4, 00	per day.	Jan. 1888 July 1888 Jan. 1889 July 1889 Jan. 1890 July 1890 Jan. 1891 July 1891	10 10 10 10 10 10 10 10	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M	\$4.00 4.00 5.00 5.00 5.00 5.00 5.00 5.00	per day.

OVERSEERS, CLOTH ROOM.

July 1842	13	1	M	1.50	per		July 186		11	1	M	3.00		day.
Jan. 1843	13	1	м	1.50		16"	Jan. 187		11	1 '	М-	3.00	6.6	6.6
July 1843	13	1	M	1.50	••		July 187	0	11	1 :	\mathbf{M}	3.00	4.6	8.8
Jan. 1844	13	1	М	1.75	6.5	4.6	Jan. 187		11	1	М	3.00	6.6	4.6
July 1844	13	1	M	1.75	ce	6.4	July 187		11	1,	М	3.00	11	4.6
Jan. 1845	13	1	M	1.75	16	6.6	Jan. 187		11	1 *	M	3.00	6 4	6.6
July 1845	13	1	M	1.75	64	4.6	July 187		11	1 '	M	3.00	8.3	4.4
Jan. 1846	13	1	M	2.00	6.6	1.6	Jan. 187		11	1	M	3.00	6.6	6.6
July 1846	13	1	M	2.00	4.6	4.6	July 187	3	11	1	M	3.00	66	46
Jan. 1847	13	1	M	2.00	4.4	8.6	Jan. 187		11	1	M	3.00		
July 1847	13	1	M	2.00	4.6	6.4	July 187	1	11	1	М	3.00	8.6	4.6
Jan. 1848	13	1	М	2.00	4.4	6.6	Jan. 187		10	1	М	$2.72\frac{1}{2}$	6.6	"
July 1848	13	1	M	2.00	6.6	6 6	July 187	5	10	1	M	$2.72\frac{1}{2}$	4.6	**
Jan. 1849	13	1	M	2.00	4.6	4.6	Jan. 187		10	1 ′	М	$2.72\frac{1}{2}$	4.4	4.6
July 1849	13	1	M	2.00	6.6	6.6	July 187	3	10	1	M	$2.72\frac{1}{2}$	6.6	4.6
Jan. 1850	13	1	M	2.00	4.4	4.5	Jan. 187	7	10	1,	М	2.72	0.5	6.6
July 1850	13	1	M	2.00	6.6	1.2	July 187	7	10	1	М	$2.72\frac{1}{2}$	44	8.6
Jan. 1851	13	1	\mathbf{M}	2.00		5.4	Jan. 187		10	1	M	$2.72\frac{7}{2}$	6.6	4.6
July 1851	13	1	M	2.00	4.4	6.6	July 187	3	10	1	\mathbf{M}	3.00	6.6	4.6
Jan. 1852	13	1	M	2.50	1.4	6.6	Jan. 187		10	1	М	3.00	4.4	4.6
July 1852	13	1	M	2.50	6.6	6.6	July 187	9	10	1	М	3.00	E E	4.5
Jan. 1853	13	1	M	2.50	4.4	6.5	Jan. 188) [10	1 !	м	3.00	1.6	6.6
July 1853	13	1	M	1.75	6.4	6.6	July 188) .	10	1	М	3.00	6.6	6.6
Jan. 1854	13	1	M	1.75	4 61	4.6	Jan. 188		10	1	М	3.00	44	66
July 1858	13	1	M	2. 25	6.6	5.5	July 188	L	10	1	M	3.00	4.4	4.6
Jan. 1859	13	-1	M	2. 25	4.6	6.6	Jan. 188	2	10	1	М]	3.25	C E	4.4
July 1859	13	_1	M	2. 25	66	6.6	July 188	2	10	1 ¦	M	3. 25	8.6	4.6
Jan. 1860	13	1	M	2, 25	4.8	6.6	Jan. 188	3	10	1	М	3.25	44	4.5
July 1860	13	1	M	2.25	4.4		July 188	3 ."	10	1	М	3.25	6.6	6.5
Jan. 1861	13	1	М	2. 25	4.4	6.6	Jan. 188	4	10	1	M	3.25		4.6
July 1861	13	1	M	2. 25	8.6	4.6	July 188	4	10	1 j	М	3. 25	8.4	1.6
Jan. 1862	12	1	\mathbf{M}	2. 25	8 E	44	Jan. 188		10	1	M	$3.12\frac{1}{2}$	4.6	1.6
July 1862	12	1	M	1.75	4.6	6.6	July 188	5	10	1	M	$3.12\frac{1}{9}$	4.4	
Jan. 1863	12	1	М	1.75	6.4	1+	Jan. 188	6	10	1,	\mathbf{M}	3. 50	4.6	11
July 1863	12	1	M	1.75	+ 6	4.4	July 188		10	1 !	М	3. 50	* *	44
Jan. 1864	12	1	м	1.75		1.6	Jan. 188		10	1	M	3.50	1.6	66
July 1864	12	1	M	2.08	1.1	6.6	July 188		10	1	М	3.50	4.6	1.6
Jan. 1865	12	1	M	2. 25	* *	4.4	Jan. 188		10	1.	М	4.00	f.,	
July 1865	12	1	м	2. 25	į.	8.6	July 188		10	1	M	4.00	íc	4.6
Jan. 1866	12	1	M	2.50	4.1	6 L	Jan. 188		10	1	\mathbf{M}	4.00	8.6	4.4
July 1866	12	1	М	2.50	6.6	6.6	July 188	9	10	1	M	4.00	64	4.6
Jan. 1867	12	1	M	2.75	.61	6 %	Jan. 189	0	10	1	M	4 00	8.6	6.6
July 1867	12	1	М	2.75		4.6	July 189		10	1 ;	\mathbf{M}	4.00	14	4.6
Jan. 1868	11	1	M	2.75	1.6	6.5	Jan. 189	1	10	1	М	4.00	6.6	11
July 1868	11	1	M	2.75	4.6	4.4	July 189		10	1	М	4.00	16	14
Jan. 1869	11	1	M	3.00	6.6	61	16	1						

OVERSEERS, DRESSING DEPARTMENT.

	1							
July 1842 13			per days	July 1848.	13	1 M	2.00	per day.
Jan. 1843 13	3 1 1	A 1.50	- 11 11	Jan. 1819	13	1 M	2.00	
July 1843 18		1 2,00	44 44	July 1849	13		2.00	1 11
Jan. 1844 18	1 1	1 2.00	46 66	Jan. 1850	13	1 M	2.00	14- 11
July 1844 17		AT 2.00		July 1850	13	1 M	2.00	46
Jan. 1845 13	1 1	I 2.00	11 61	Jan. 1851	13	1 M	2.00	11 66
July 1845 12		4 1.75	44 44	July 1851	13	1 ' M	2.00	16 46
Jan. 1846 13	1)	1 2.00	16 41	Jan. 1852	13	1 + M	2.00	
July 1846 13		1 2,00	16 16	July 1852	13	1 M=	2.00	16 16
Jan. 1847 13	1 2	1 2.00		Jan. 1853.	13	1 1 凶	2.00	46 46
July 1847 13	3 1 1 X	1 - 2.00	46 66	July 1853	13	1 M	2.00	66 66
Jan 1848 13	1 1)	A 9 00	66 66	Jan 1851	13	1 M	2.00	46 65

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS-Continued.

OVERSEERS, DRESSING DEPARTMENT.-Concluded

Payroll	Hours per	Thream	Sex.	Rate	of ·	wages.	Payr		Hours per	Different	Sex.	Rate	of	wages
of—	day.	employés.					oť-		day.	employes.				
July 1854	13	1	М	\$2,00	per	day.	Jan. 1	875	10	1	М	\$2. 72 <u>‡</u>	рет	day.
Jan. 1855	13	1	M	2.00		* *	July 1	875	10	Ţ	M	2. 723		t.
July 1858 Jan. 1859	13 13	1	M	1.75	16	46	Jan. 1 July 1	876	10	.1	М	2, 59	- 66	44
Inly 1859	13	1	M	1.75		4.6	Jan, 1	877	10 10	1	M M	2.50 2.00	4.6	66
uly 1859 an. 1860	13	1	M	1.75			July 1	877	10	1	М	2.00	4.6	6.6
July 1860 Jan. 1861	13 13	1 1	M M	1.75	16		Jan. 1	878	10	1	M	2.00	4.6	14
uly 1861	13	i	M	1. 75 1. 75	1.6	4.6	July 1 Jan. 1	878 879	10 10	1 1	M	2.00 3,25	4.5	4.6
lan. 1862	12	1	M	1.75	1.5	11	July 1	879	10	1	M	3, 25	4.6	4.6
Tuly 1862 Tan. 1863	$\frac{12}{12}$	1	M	1.50 2.00	16		Jan. 1 July 1	880]0	1 1	M	3, 25	14	44
Ian. 1863 Inlv 1863	12	1 1	M	2.00		44	Jan. 1	.880 .881	10 10	1	M M,	3, 00 3, 25	4.6	5.6
July 1863 Jan. 1864	12	1	M	2.00	6.6	4.4	July 1 Jan. 1	881	10	1 1	M '	3. 25	4.6	8.6
July 1864 Jan. 1865	12	1	M	2.00	4.6	44	Jan. 1	882	10	1	M	3. 25	**	44
Jan. 1865 Inly 1865	12 12	1	M	2.25 2.25	. 4		July 1 Jan, 1	882	10	$\frac{1}{1}$	M	3. 25 3. 25	4.4	44
July 1865 Jan. 1866	12	1	M	2.50	4.6	"	July 1 Jan. 1	883	10	1	M	3. 25 3. 25 3. 25	14	4 s
July 1866	12	1	M	2.50	44	11	Jan. 1	884	10	1 1	\mathbf{M}		6.6	4.6
Jan. 1867 July 1867	12 12	· 1	M	2. 50	44	66	July 1 Jan. 1	X87	10 10	1	M	3. 10 3. 10	44	4.6
July 1867 Jan. 1868	11	1	M	2.50	4.6	**	July 1	885	10	1	M	310	6.6	4.6
July 1868	11	1	М	2.50	11	4.5	July 1 Jan. 1	886	10	1	M	3.10 3.25	44	4.6
Jan. 1869	11	1	M M	2.00	14	44	July 1	886	10	1	M	3. 25	44	86
July 1869 Jan. 1870	11	1 1	71	2.00	4.6	4.6	Jan. 1 July 1	887	10 10	$\frac{1}{1}$	M	5, 50 5, 50	64	44
July 1870	11	1	M	2.00	6.6	6.6	July 1 Jan. 1	888	10	1	M	5, 50	6.6	4.6
Jan. 1871	11	1	M	1, 62 1, 62	14	44	July 1 Jan. 1	888	10	1 1 1	M	5, 50		66
July 1871 Jan. 1872	11	i	M	2.00	1.4	44	July 1	889	10 10	1	$_{ m M}^{ m M}$	5. 50 5. 50	4.6	11
July 1872	11	1	M	2, 25	£ £	6.6	Jan. 1	890	10	î	M	4.00	4.6	4.6
Jan. 1873	11	1	M	2. 25	11	44	July 1	890	10	1	M	4.00		66
July 1873 Jan. 1874	11 11	1	M	3.50 3.50		44	Jan. 1 July 1	891 891	10 10	1	M M	4.50 4.50	4.6	44
T1 1071														
July, 1874	11	1	M	3. 50	46									
Tan. 1873	11	1	M	3. 50 VERSI 3. 00	EER	S, PICI	July 1	EPA 882	RTME	NT.	M	4. 50	per	dav.
Tan. 1873	11 11	1 1 1	M M M	3. 50 VERSI 3. 00 2, 75	eer per	S, PICI	July 1	EPA .882 .883	10	NT.	M M	4. 50 4. 50		· day.
Jan. 1873 July 1873 Jan. 1874	11 11 11	1 1 1 1	M M M M	3. 50 VERSI 3. 00 2. 75 3. 00	EER	S, PICI	July 1 Jan. 1 July 1	EPA .882 .883 .883	10 10 10	NT.	M M M	4. 50 4. 50 4. 50	per	· day.
Jan. 1873 July 1873 Jan. 1874 July 1874 Jan. 1875	11 11 11 11 10	1 1 1 1 1	M M M	3. 50 VERSI 3. 00 2, 75 3. 00 3. 00 2, 271	per	day.	July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1	882 883 883 884	10	NT.	M M	4.50 4.50 4.50 4.50	16	6 L 6 L 6 L
Jan. 1873 July 1873 Jan. 1874 July 1874 Jan. 1875 July 1875	11 11 11 11 10 10	1 1 1 1 1 1	M M M M M M	3. 50 VERSI 3. 00 2. 75 3. 00 3. 00 2. 271 2. 271	per	day.	July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1	882 883 883 884 884 885	10 10 10 10 10 10	NT.	M M M M M	4. 50 4. 50 4. 50 4. 50 4. 00 3. 75	14 14 14	66 66 66
Jan. 1873 July 1873 Jan. 1874 July 1874 Jan. 1875 July 1875 Jan. 1876	11 11 11 11 10 10	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M	3. 50 VERSI 3. 00 2. 75 3. 00 3. 00 2. 271 2. 271 4. 09	per	day.	July 1 July 1 July 1 July 1 July 1 July 1 July 1 July 1 July 1	882 883 883 884 884 885 885	10 10 10 10 10 10 10	NT.	M M M M M M	4.50 4.50 4.50 4.50 4.00 3.75 3.75	16	6 L 6 L 6 L
Jan. 1873 July 1873 Jan. 1874 July 1874 Jan. 1875 July 1875 July 1876	11 11 11 11 10 10 10 10	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M	3. 50 3. 00 2, 75 3. 00 3. 00 2. 27 4. 09 4. 09 3. 50	per	day.	July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1	882 883 883 884 884 885 885 886	10 10 10 10 10 10	NT.	M M M M M	4.50 4.50 4.50 4.50 4.00 3.75 3.75 3.75	14 16 14 11	64 64 64 64 64
Jan. 1873 July 1873 Jan. 1874 Jan. 1875 July 1876 July 1876 July 1876 Jan. 1877 Jan. 1877	11 11 11 11 10 10 10 10	1 1 1 1 1 1 1 1 1	M M M M M M M M M M	3. 00 2. 75 3. 00 2. 75 3. 00 3. 00 2. 27½ 4. 09 4. 09 3. 50	per	s, PICH	July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1	882 883 883 884 885 885 886 886 886	10 10 10 10 10 10 10 10 10	NT.	M M M M M M M M M	4.50 4.50 4.50 4.50 4.00 3.75 3.75 3.75 3.75	14 16 16 16 16	66 66 66 66 64 66 66
Jan. 1873 July 1873 July 1873 July 1874 Jan. 1875 July 1875 July 1876 July 1876 July 1877 July 1877 July 1877	11 11 11 11 10 10 10 10 10	1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M	3. 00 2. 75 3. 00 2. 75 3. 00 2. 27½ 4. 09 4. 09 3. 50 3. 50 3. 50	per	day.	July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 July 1 Jan. 1 July 1 Juny 1 Juny 1 Juny 1	882 1883 883 884 885 885 886 886 887 887	10 10 10 10 10 10 10 10 10 10 10	NT.	M M M M M M M M M	4. 50 4. 50 4. 50 4. 50 4. 50 3. 75 3. 75 3. 75 3. 75 3. 75 3. 75	14 16 14 11	64 64 64 64 64
Jan. 1873 July 1873 July 1874 July 1875 July 1875 July 1876 July 1876 July 1876 July 1877 July 1877 July 1878 July 1878 July 1878	11 11 11 11 10 10 10 10 10 10 10	1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M	3. 50 VERSI 3. 00 2, 75 3. 00 3. 00 2. 27½ 4. 09 4. 09 4. 09 3. 50 3. 50 3. 50 3. 50 3. 50 3. 50 3. 50	per "" " " " " " " " " " " " " " " " " "	day. "" "" "" "" "" "" "" "" "" "" "" "" ""	July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 2 July 1 July 1 July 1 July 1 July 1 July 1 July 1 July 1 July 1 July 1 July 1 July 1 July 1 July 1 July 1 July 1 July 1 July 1 July 1	882 883 883 884 884 885 885 886 886 887 887 888	10 10 10 10 10 10 10 10 10 10 10 10 10	NT.	M M M M M M M M M M M M	4.50 4.50 4.50 4.50 4.00 3.75 3.75 3.75 3.75 3.75 3.75 3.75 3.75	14 14 14 14 14 14 14 14	66 64 64 64 64 66 66 66
Jan. 1873 July 1873 July 1874 July 1874 July 1875 July 1875 July 1876 July 1876 July 1877 July 1877 July 1878 July 1878 July 1878 July 1878	11 11 11 11 10 10 10 10 10 10 10 10	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M	3. 50 VERSI 3. 00 2, 75 3. 00 3. 00 2. 27½ 4. 09 3. 50 3. 50 3. 50 3. 50 3. 50 3. 50 3. 50	per	day.	July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 Juny 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 2	882 1883 883 1884 884 885 885 886 887 887 888 888 888 888	10 10 10 10 10 10 10 10 10 10 10 10 10 1	NT.	M M M M M M M M M M M M	4. 50 4. 50 4. 50 4. 50 3. 75 3. 75 3. 75 3. 75 2. 60 2. 50	14 44 44 44 44 44 44 44 44 44	66 64 64 64 64 66 66 66
Jan. 1873 July 1873 July 1873 Jan. 1874 July 1874 Jan. 1875 Jan. 1876 Jan. 1877 Jan. 1877 July 1877 July 1877 July 1878 July 1878 July 1879 July 1879 July 1879	11 11 11 10 10 10 10 10 10 10 10 10	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M M	3. 50 VERSI 3. 00 2. 75 3. 00 2. 27½ 4. 09 4. 09 4. 09 3. 50 3. per "" " " " " " " " " " " " " " " " " "	day. "" "" "" "" "" "" "" "" "" "" "" "" ""	July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 July 1 July 1 July 1 July 1 July 1 July 1 July 1 July 1 July 1 July 1 July 1 July 1 July 1 July 1 July 1 July 1 July 1 July 1	882 1883 883 1884 884 885 885 886 887 887 888 888 888 888 889	10 10 10 10 10 10 10 10 10 10 10 10 10 1	NT.	M M M M M M M M M M M M M M	4. 50 4. 50 4. 50 4. 50 4. 75 3. 75 3. 75 3. 75 3. 75 2. 60 2. 60 3. 50 3. 50	14 14 14 14 14 14 14 14	64 64 64 66 66 66 66 66 66 66 66	
Jan. 1873 July 1873 Jan. 1874 July 1874 July 1875 July 1876 Jan. 1876 Jan. 1877 July 1877 Jan. 1878 Jan. 1879 July 1878 Jan. 1879 July 1878 Jan. 1880 July 1878 July 1878	11 11 11 10 10 10 10 10 10 10 10 10 10	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M	3. 50 3. 00 2. 75 3. 00 2. 27½ 4. 09 3. 50 3. 50 3. 50 3. 50 3. 50 3. 50 4. 50 4. 50 4. 50	Per 41 44 44 44 44 44 44 44 44 44 44 44 44	s, PICI	July 1 Ju	882 883 883 884 885 885 886 886 887 887 888 888 888 889 890	10 10 10 10 10 10 10 10 10 10 10 10 10 1	NT.	M M M M M M M M M M M M	4. 50 4. 50 4. 50 4. 50 3. 75 3. 75 3. 75 3. 75 2. 60 2. 50		
Jan. 1873 Tuly 1873 Jan. 1874 July 1874 July 1875 July 1876 July 1876 July 1876 Jan. 1877 July 1877 Jan. 1878 July 1879 July 1879 July 1879 July 1879 July 1878	11 11 11 10 10 10 10 10 10 10 10 10 10 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M M M M M M M M	3. 00 2. 75 3. 00 2. 75 3. 00 3. 00 2. 27½ 4. 09 4. 09 3. 50 3. 50 3. 50 3. 50 4. 50 4. 50 4. 50	per (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	day.	July 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Ju	882 1883 883 884 884 885 886 887 887 887 888 889 890 890 891	10 10 10 10 10 10 10 10 10 10 10 10 10 1	NT.	M M M M M M M M M M M M M M M M M	4.50 4.50 4.50 4.50 4.00 3.75 3.75 3.75 3.75 2.60 2.60 3.50 3.50 3.00		64 64 64 64 64 65 66 66 66 66 66 66
Jan. 1873 July 1873 July 1873 Jan. 1874 July 1874 Jan. 1875 Jan. 1876 Jan. 1877 Jan. 1877 July 1877 July 1877 July 1878 July 1878 July 1879 July 1879 July 1879	11 11 11 10 10 10 10 10 10 10 10 10 10	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M M M M M M M M	3. 50 3. 00 2. 75 3. 00 2. 27½ 4. 09 3. 50 3. 50 3. 50 3. 50 3. 50 3. 50 4. 50 4. 50 4. 50	Per 12 14 14 14 14 14 14 14 14 14 14 14 14 14	day.	July 1 Ju	882 1883 883 884 884 885 886 887 887 887 888 889 890 890 891	10 10 10 10 10 10 10 10 10 10 10 10 10 1	NT.	M M M M M M M M M M M M M M M M M M M	4. 50 4. 50 4. 50 4. 50 4. 00 3. 75 3. 75 3. 75 3. 75 2. 60 3. 50 3. 50 3. 00		
Jan. 1873 July 1873 Jan. 1874 July 1874 July 1875 July 1876 Jan. 1876 Jan. 1877 July 1877 Jan. 1878 Jan. 1879 July 1878 Jan. 1879 July 1878 Jan. 1880 July 1878 July 1878	11 11 11 10 10 10 10 10 10 10 10 10 10 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M M M M M M M M	3. 50 3. 00 2. 75 3. 00 3. 00 2. 27½ 4. 09 3. 50 3. 50 3. 50 3. 50 3. 50 4. 50 4. 50 4. 50 4. 50	per	day.	July 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Ju	882 1883 884 884 885 886 887 887 888 889 889 890 891 891	10 10 10 10 10 10 10 10 10 10 10 10 10 1	NT.	M M M M M M M M M M M M M M M M M	4.50 4.50 4.50 4.50 4.00 3.75 3.75 3.75 3.75 2.60 2.60 3.50 3.50 3.00		64 64 64 64 64 64 64 64 64 64 64 64 64 6
Jan. 1873 July 1873 Jan. 1874 July 1874 Jan. 1875 July 1875 July 1876 July 1877 Jan. 1870 July 1877 July 1878 July 1878 July 1878 July 1878 July 1879 July 1879 July 1879 July 1879 July 1880 July 1880 July 1881 July 1881 July 1881 July 1882	11 11 11 11 10 10 10 10 10 10 10 10 10 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M M M M M M M M	3. 50 VERSI 3. 00 2, 75 3. 00 2, 275 3. 00 2, 275 4. 09 3. 50 3. 50 3. 50 3. 50 3. 50 4. 50 4. 50 4. 50 4. 50 4. 50 4. 50	per ct ct ct ct ct ct ct ct ct ct ct ct ct	day. " " " " " " " " " " " " " " " " " "	July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1	882 883 883 884 885 885 886 887 888 889 890 891 891	10 10 10 10 10 10 10 10 10 10 10 10 10 1	NT.	M M M M M M M M M M M M M M M M M M M	4. 50 4. 50 4. 50 4. 50 4. 50 3. 75 3. 75 3. 75 3. 75 3. 75 3. 75 3. 75 3. 75 3. 70 3. 50 3. 50	" " " " " " " " " " " " " " " " " " "	44 44 44 44 44 44 44 44 44 44 44 44 44
Jan. 1873 July 1873 July 1874 July 1874 July 1875 July 1875 July 1876 July 1876 July 1876 July 1877 July 1877 July 1877 July 1879 July 1879 July 1879 July 1879 July 1880 July 1880 July 1881 July 1881 July 1882 July 1882 July 1882 July 1882 July 1884	11 11 11 11 10 10 10 10 10 10 10 10 10 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M M M M M M M M	3. 50 VERSI 3. 00 2. 75 3. 00 2. 27½ 4. 09 4. 09 4. 09 3. 50 3. 50 3. 50 3. 50 4. 50 4. 50 4. 50 4. 50 4. 50 4. 50 2. 20 2. 00	per ct ct ct ct ct ct ct ct ct ct ct ct ct	day. " " " " " " " " " " " " " " " " " "	July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1	882 883 883 884 885 885 886 887 888 889 890 891 891	10 10 10 10 10 10 10 10 10 10 10 10 10 1	NT.	M M M M M M M M M M M M M M M M M M M	4. 50 4. 50 4. 50 4. 50 4. 50 3. 75 3. 75 3. 75 2. 60 2. 60 3. 50 3. br>3. 50 3.	11 10 10 10 10 10 10 10 10 10 10 10 10 1	61 64 64 64 64 64 66 66 66 66 66 66 66 66
fan. 1873 (uly 1873 (an. 1874 (uly 1874 (an. 1875 (uly 1875 (an. 1876 (uly 1876 (an. 1877 (uly 1877 (an. 1879 (uly 1879 (an. 1880 (uly 1	11 11 11 11 10 10 10 10 10 10 10 10 10 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M M M M M M M M	3. 50 VERSI 3. 00 2, 75 3. 00 2, 275 3. 00 2, 275 4. 09 3. 50 3. 50 3. 50 3. 50 3. 50 4. 50 4. 50 4. 50 4. 50 4. 50 4. 50	per "" ERS	s, PICH day. "" "" "" "" "" "" "" "" "" "" "" "" ""	July 1 Jan. 1 July 1 Ju	882 883 883 884 885 885 886 887 887 888 889 889 889 891 891 EPA	10 10 10 10 10 10 10 10 10 10 10 10 10 1	NT.	M M M M M M M M M M M M M M M M M M M	4, 50 4, 50 4, 50 4, 50 4, 50 4, 50 3, 75 3, 75 3, 75 2, 60 3, 50 3, 50	## ## ## ## ## ## ## ## ## ## ## ## ##	41 41 41 41 41 41 41 41 41 41 41 41 41 4
fan. 1873 fully 1873 fan. 1874 fully 1874 fan. 1875 fully 1875 fan. 1876 fully 1876 an. 1877 ully 1877 fan. 1880 fully 1880 an. 1881 ully 1881 an. 1882	111 111 111 111 110 100 100 100 100 100	111111111111111111111111111111111111111	M M M M M M M M M M M M M M M M M M M	3. 50 VERSI 3. 00 2. 75 3. 00 2. 27½ 4. 09 3. 50 3. 50 3. 50 3. 50 3. 50 4. 50 4. 50 4. 50 4. 50 4. 50 4. 50 2. 00 2. 00 2. 00 2. 00 2. 00	per "" "" "" "" "" "" "" "" "" "" "" "" ""	day. "" "" "" "" "" "" "" "" "" "" "" "" "	July 1 Ju	882 883 884 884 885 886 886 887 888 889 890 890 891 891 848 848 848 849	10 10 10 10 10 10 10 10 10 10 10 10 10 1	NT.	M M M M M M M M M M M M M M M M M M M	4, 50 4, 50 4, 50 4, 50 4, 50 4, 50 3, 75 3, 75 3, 75 2, 60 2, 60 3, 50 3, 50	per	41 41 41 41 41 41 41 41 41 41 41 41 41 4
fan. 1873 fuly 1873 an. 1874 uly 1874 an. 1875 uly 1875 iuly 1876 an. 1876 uly 1876 an. 1879 uly 1879 an. 1880 uly 1880 an. 1881 uly 1881 an. 1882	11 11 11 11 11 10 10 10 10 10 10 10 10 1	111111111111111111111111111111111111111	M M M M M M M M M M M M M M M M M M M	3. 50 VERSI 3. 00 2. 75 3. 00 2. 27\$ 4. 09 4. 09 3. 50 3. 50 3. 50 3. 50 3. 50 4. 50 4. 50 4. 50 4. 50 4. 50 4. 50 4. 50 4. 50 2. 00 2. 00 2. 00 2. 00 2. 00 2. 00 2. 00	per "" ERS	s, PICH day. "" "" "" "" "" "" "" "" "" "" "" "" ""	July 1 Ju	882 883 884 884 885 886 886 887 888 889 890 890 891 891 848 848 848 849	100 100 100 100 100 100 100 100 100 100	NT.	M M M M M M M M M M M M M M M M M M M	4.50 4.50 4.50 4.50 4.50 3.75 3.75 3.75 3.75 3.75 3.75 3.75 3.75	## ## ## ## ## ## ## ## ## ## ## ## ##	41 41 41 41 41 41 41 41 41 41 41 41 41 4
fan. 1873 fuly 1873 an. 1874 uly 1874 an. 1875 uly 1875 iuly 1876 an. 1876 uly 1876 an. 1879 uly 1879 an. 1880 uly 1880 an. 1881 uly 1881 an. 1882	111 111 111 110 100 100 100 100 100 100	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M M M M M M M M	3. 50 VERSI 3. 00 2. 75 3. 00 2. 27½ 4. 09 3. 50 3. 50 3. 50 3. 50 3. 50 4. 50 4. 50 4. 50 4. 50 4. 50 2. 00 2. 00 2. 00 2. 00 2. 00 2. 00 2. 00 2. 00	per "" "" "" "" "" "" "" "" "" "" "" "" ""	day. "" "" "" "" "" "" "" "" "" "" "" "" "	July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Jan. 1 July 1 Ju	882 883 884 885 885 886 887 887 888 889 890 891 EPA 848 848 849 849 850 850 851	100 100 100 100 100 100 100 100 100 100	NT.	M M M M M M M M M M M M M M M M M M M	4.50 4.50 4.50 4.50 4.50 4.50 4.50 4.50	per	41 44 44 44 44 44 44 44 44 44 44 44 44 4
fan. 1873 fuly 1873 fan. 1874 fuly 1874 fan. 1875 fuly 1875 fan. 1876 fuly 1876 fan. 1877 fuly 1877 fan. 1878 fuly 1879 fan. 1880 fuly 1880 fan. 1881 fuly 1881 fuly 1882 fuly 1883 fan. 1882 fuly 1843 fan. 1844 fuly 1844 fuly 1844 fan. 1845 fuly 1844 fan. 1845 fuly 1844 fan. 1844 fuly 1844 fan. 1844 fuly 1844 fan. 1844 fuly 1844 fan. 1844 fan. 1844 fan. 1846 fuly 1846 fuly 1846 fuly 1846 fuly 1846 fuly 1846 fuly 1846 fuly 1846 fuly 1846 fuly 1846 fuly 1846 fuly 1846 fuly 1846 fuly 1846 fuly 1846 fuly 1846 fuly 1846	111 111 111 110 100 100 100 100 100 100	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M M M M M M M M	3. 50 VERSI 3. 00 2. 75 3. 00 2. 27½ 4. 09 3. 50 3. 50 3. 50 3. 50 3. 50 4. 50 4. 50 4. 50 4. 50 4. 50 2. 00	per "" "" "" "" "" "" "" "" "" "" "" "" ""	s, PICI day. "" "" "" "" "" "" "" "" "" "" "" "" ""	July 1 Jan. 1 July 1 Jan. 1	882 883 884 884 885 886 887 887 888 889 890 891 EPA 848 849 851 851 851	10 10 10 10 10 10 10 10	NT.	M M M M M M M M M M M M M M M M M M M	4. 50 4. 50 4. 50 4. 50 4. 50 5. 3, 75 3. 75 3. 75 2. 60 2. 60 3. 50 3. br>50 50 50 50 50 50 50 50 50 50 50 5	per	day
fan. 1873 fuly 1873 an. 1874 an. 1875 an. 1876 fuly 1876 an. 1876 fuly 1876 an. 1877 an. 1880 fuly 1880 an. 1880 fuly 1880 an. 1881 fuly 1881 an. 1882 fuly 1882 an. 1883 fuly 1883 an. 1844 fuly 1844 an. 1845 fuly 1845 an. 1845	11 11 11 11 11 10 10 10 10 10 10 10 10 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M M M M M M M M	3. 50 VERSI 3. 00 2. 75 3. 00 2. 27½ 4. 09 3. 50 3. 50 3. 50 3. 50 3. 50 4. 50 4. 50 4. 50 4. 50 4. 50 4. 50 2. 00	per "" "" "" "" "" "" "" "" "" "" "" "" ""	day. "" "" "" "" "" "" "" "" "" "" "" "" "	July 1 Ju	8822 8833 8844 8850 8890 8848 8848 8848 8848 8851 8852 8852	100 100 100 100 100 100 100 100 100 100	NT.	M M M M M M M M M M M M M M M M M M M	4.50 4.50 4.50 4.50 4.50 4.50 4.50 4.50	per	41 44 44 44 44 44 44 44 44 44 44 44 44 4

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

OVERSEERS, SPINNING DEPARTMENT-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1853 Jan. 1854 July 1854	13 13 13	1 1 1	M M M	\$2. 25 2. 25 2. 25	pe	r day.	July 1877 Jan. 1878	10 10	2 2	M M	\$3,00 3,00	per	day.
Jan. 1855 July 1855	13 13	1	M M	2. 25 2. 25	44	44 44	July 1878.	10 10	1	M M	3. 50 3. 75	44	44
July 1858 Jan. 1859 July 1859	13 13 13	1 1 1	M M M	1.75 2.00 2.00	44	4.6	Average	10	2	M	3.621	44	**
Jan. 1860 July 1860 Jan. 1861	13 13 13	1 1 1	M M M	2.00 2.00 2.00	66 68	64 64	Jan. 1879 July 1879 Jan. 1880	10 10 10	. 2 2 2	M M M	4.00 4.00 4.00	11	66 66 66
July 1861 Jan. 1862 July 1862	13 12 12	, 1 1 1	M M M	2.00 2.00 1.50	44	**	July 1880'	10 10	1 1	M M	4. <u>0</u> 0 4.50		6 6 6 6
Jan. 1863 July 1863	12 12	1 1	M	$\begin{bmatrix} 2,00 \\ 2.00 \end{bmatrix}$	44	66	Average	10	2	м	4. 25		66
Jan. 1864 July 1864 Jan. 1865 Tuly 1865	12 12 12 12	1 1 1 2	M M M	2.00 1.75 1.75 2,25	41	-61 61	Jan. 1881	10 10	1 1	M M	4.00 4.50	41	"
July 1865 Jan. 1866	12	1	M	2.50 2.58	66	44	Average	10	2	M	4. 25	44	64
July 1866 Jan. 1867 July 1867 Jan. 1868	12 12 12 12	1 1 1 1	M M M	2. 75 2. 75 2. 75 2. 75	1 E	64 64	July 1881	10 10	1	M M	4.00 4.50	**	"
July 1868 Jan. 1869	11	~ 1 1	M M	2.75 2.75	14	4.6	Average	10	2	М	4. 25	1.1	44
July 1869 Jan. 1870	11 11 11	1 1 1	M M M	2.06 2.00 1.50	61 66	66 66	Jan. 1882	10 10	1	M M	3.00 4.50	**	44
July 1870		1	M	1.50	44	44	Average	10	2	М	3.75	11	4.6
Jan. 1871	111	1	М	1.75		44	July 1882	10 10	1	M M	3.00 4.50	11	f t f t
Average		2	M	1.62		44	Average	10	2	M	3.75	4.6	
July 1871	11	1	M	1. 50 1. 67	"		Jan. 1883	. 10 10	1 1	M M	3.00 5.00		46
Average	11	2	M	1.58			Average	10	2	M	4.00	6.6	ù
Jan. 1872	11 11	1 1	M M	1. 67 1. 75		- 64	July 1883	10 10	1 1	M M	3.00 5.00	11	16
Average	11	2	M	1.71	44		Average	10	2	M	4.00	4.4	44
July 1872 Jan. 1873	11	2 4	M	2. 25 2. 25	44	. **	Jan. 1884	10 10	1 1	M	3.00 5.00		11
July 1873	11 11	1 1	M	2. 25 3. 00	14		Average	10	2	м	4.00	16	ŧŧ
Average		2	М	2. 62			July 1884	10 10	1 1	M M	3.00 5.00	"	"
Jan. 1874	111	1	M	2. 25 3. 00	"		Average	10	2	м	4.00	į t	
Average	11	2	M	2, 62			Jan. 1885	10 10	1	M M	3, 00 5, 00	66	44
July 1874	11 11	1	M	2. 25 3. 00	44		Average	10	2	М	4.00		44
Average	11	2	M	2, 62	. "	66	July 1885	10 10	1 1	M	3.00 5.00	11	**
Jan. 1875	10 10	1	M M	2. 50 2. 72	44		Average		2	M	4.00	· · ·	44
Average		2	M	2, 61			Jan. 1886	10 10	1 1	M	3. 20 5. 00	11	**
July 1875	10 10	1	M M	2. 50 2. 72	-		Average		2	M	4. 10		46
Average		2	M	2, 613	· "		July 1886	10	1	M	3. 20	11	46
Jan. 1876 July 1876 Jan. 1877	10 10 10	2 2 2	M M M	3, 25 3, 25 3, 00	44		Average	10	2	M	4. 10	. "	44

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

OVERSEERS, SPINNING DEPARTMENT Concluded.

Payroll of—	Hours per day.	Different employés	Sex.	Rate	of w	rages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1887	10 10	1 1	M M	\$3. 20 5. 00	per	day.	July 1889	10 10	1	M M	\$3. 20 5. 00	per	dåy.
Average	10	2	М	4. 10	it	u	Average	10	2	М	4.10	6.6	64
J uly 1887	10 10	1 1	M M	3, 20 5, 00	66	14	Jan. 1890	10 10	1 1	M M	5. 00 5. 25	44	**
Average	10	2	M	4. 10		44	Average	10	2	M	$5.12\frac{1}{2}$	6.6	+46
Jan. 1888	10 10	1 1	M M	3. 20 5. 00	44	11	July 1890	10 10	1	M M	5. 00 5. 25	44	44
Average	10	2	M	4. 10	44	**	Average	10	2	м	5. 12½	6.4	4.4
July 1888	10 10	1	M M	3, 20 5, 00	44	11	Jan. 1891	10 10	1 1	M M	5, 00 6, 00	44	66
Average	10	2	м	4.10	46		Average	10	2	M	5.50	44	66
Jan. 1889	10 10	1 1	M M	3.20 5.00	11	44	July 1891	10 10	1 1	M M	5. 00 6. 00	44	41
Average	10	2	М	4. 10		64	A.verage	10	2	М	5. 50	44	

OVERSEERS. WEAVING DEPARTMENT.

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued. PAINTERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.	Payroll of—	Bours per day.	Different employés.	Sex.	Rate	of v	vagos.
July 1858	13 13 13	1 1 1	M M M	\$0.87 1.16 1.50	per day.	July 1864	12 12 12 12	1 3 1 1	M M M M	\$1.00 1.33 1.50 1.67	per	day,
Average	13	3	M	1. 17	11 14	Average		- 6	M	1.36	/6E	"
Jan, 1859	13 13 13	1 1 1	M M M	. 87 1. 16 1. 50	66 68 66 68	Jan. 1865	12 12	1 4 1	M M	1.16 1.50	44	"
Average	13	3	M	1.17½	** **		12		M	1.75	**	
July 1859	13 13 13 13	, 1 3 1 1	M M M M	1.00 1.16 1.35 1.60	24	Average July 1865	12 12 12 12 12	6 - 1 4 1	M M M M	1. 48½ 1. 33 1. 50 1. 75	#	66 66
Average	13	6	M	1.24	** **	Average	12	·ě	М	1. 511	- 44	44
Jan. 1860	13 13 13 13	1 1 4 1	M M M M	. 75 1. 00 1. 16 1. 60	66 66 66 66 66 66	Jan. 1866	12 12 12	1 4 1	M M M	1. 25 1. 50 1. 75	**	46 66
Average	13	7	M	1.14	" "	Average	12	6	M	1.50	**	et
July 1860	13 13	3 2	M M	1.00	11 ii	July 1866	12 12	4 1	М М ——-	1.50 1.75	44	14
	13 13	1 1	M	1. 35 1. 67	61 61	Average	12	5	М	1.55	6.6	**
Average	13	7	м	1, 19		Jan. 1867	12 12	3 1	M M	1. 50 1. 75	64	4.6
Jan. 1861	13	1 4	M M	1.00 1.16	44 44	Average	12	4	М	1.561	",	**
	13 13 13	1 1	M M	1.50 1.67	44 44	July 1867	$\begin{array}{c} 12 \\ 12 \end{array}$	3	M	1.75 2.00	14	44
Average	13	7	M	1. 26	44 44	Average	12	4	M	1.811	**	•
J uly 1861	13 13 13	1 2 1	M M M	1.00 1.16 1.35	64 46 64 46	Jan. 1868	11 11	1	М	1. 67 2. 00		6 C
	13	1	M	1.67	11 ec	Average	11	5	·M	1.731		
Average Jan. 1862	13 12 12	5 1 1	MM	1. 27 1. 00 1. 16	44 44	July 1868	11 11 11	1 4 14	M M M	1.50 2.00 2.50	11	11
	12 12 12	1 1	M	1. 25 1. 67	46 44	Average	11	19	.М.	2.34	11	" "
Average	12	4	М	1. 27	"	Jan. 1869	† 11 11 . 11	1 3 2	M M M	1.50 1.75 2.00	61 64 65	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
July 1862	12 12	1 2	M	. 83 1. 00	11 11		11	5	M	2. 25	"	
	12 12	2	M	1.25 1.50	46 44	Average	11	11	М	2.00	"	
Average	12	6	М	1.14	11 11	July 1869	11 11 11	1 1 3	M M M	1. 25 1. 75 2. 00	16	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
Jan. 1863	12 12	3 1	M	1.00 1.33	11 11	Average	11	1 6	M	2.50	**	44
Average	12	4	M	1.08	64 64	Jan. 1870	11	2	м	1.50	14	84
J uly 1863	12 12	4 2	M M	1.00 1.33	11 11	Jan. 1070	11 11	5 2	M M	1.75 2.25	"	4.
Average	12	6	M	1.11	** **	Average	11	9	М	1.804	44	44
Jan. 1864	12 12 12	. 4 3 1	M M M	1.00 1.16 1.33	11 14 14 15 14 15	July 1870	11 11 11	1 4 1	M M M	1, 75 2, 00 2, 50	4.6 4.6	66 66
≜ verage	12	8	M	1.10	11 11-	Average	11	6	M	2.04		16

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

PAINTERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.
Jan. 1871	11 11 11 11	1 1 2 1	M M M M	\$1.50 per day. 1.75 " " 2.00 " " 2.50 " "	Jan. 1880	10 10	2 1	M M M	\$1.50 1.60 1.531	per	day.
Average	11	5	_ <u>M</u> -	1.95 " "	Average July 1880	10	2	м	1. 60		
July 1871	11	2	м	1.50 " "	0 111, 2000	10	ī	M	1.70	6.4	"
bary reve	11 11	6 4	M	2.00 " " "	Average		3	M.	1.631	6.6	**
Average	11	12	M	2.081 " "	Jan. 1881	10 10	2	M M	1.60 1.70	**	66
Jan. 1872	11	4	М	1.75 " "	Average	10	3	M	1.631	46	44
	11	1	M	2. 00 " " " 2. 25 " "	July 1881	10 10	1	M	1.60 1.70		44
Average	11	7	M	1.89½ " "	Average	10	2	M	1, 65	6.6	41
July 1872	11 11 11	2 4 3	M M M	1.75 " " 2.00 " " 2.25 " "	Jan. 1882	10 10	1	$_{\mathbf{M}}^{\mathbf{M}}$	1, 65 2, 00	11	"
,	11	7	M	2.50 " "	Average		2	M	1.821		44
Average		16	M	2. 231 " "	July 1882	10 -	1	M M	1.75	66	"
Jan. 1873	11 11 11	1 2 7	M M M	2.00 " " 2.25 " "	Average	10	2	M	2, 25	**	44
A	11	5	M	2.50 " "	Jan. 1883	. 10	1	M	1.75 1.70	66	"
Average	11	15	M	2. 25 " " 2. 00 " "	July 1883 Jan. 1884	10	1 2	M. M	1.70	"	44
July 1873	11 11	1 1	M	2. 25 " " " 2. 50 " "	Jan. 1004	10	1	_ <u>M</u>	1.65		44
Average	11	4	M	2.181 " "	Average		3	M	1. 381	11	"
Jan. 1874	11 11	1 1	M M	2.00 " " " 2.12 " "	July 1884	10	2 1	M M	1. 25 1. 65	41	14
Average	l	2	M	2.06 " "	Average	10	3	М	1.381	64	44
July 1874	11	2	M	1.87 ""	Jan. 1885	10	$\frac{1}{2}$	M	1. 25 1. 65	"	44
	111	1	M	2. 25 " "	Average	10	3	M	1.511	66	44
Average	11	7	М	2.00 " "	July 1885	10 10	3 4	M M	1. 25 1. 65	44	41
Jan. 1875	10 10	3 1	M M	1.82 " " " 2.04½ " "	Average		7	M	1.48	44	**
Average	10	4	М	1.871 " "	Jan. 1886	10	$\frac{1}{2}$	M	1. 25 1. 45	£ £	44
July 1875	- 10 10	3	M M	1.82 " " 2.04½ " "		10	i,	M	1. 65	"	44
Average		4	M	1.871 " "	Average	10	4	M	1.45	4.4	44
Jan. 1876	10	2	M	2.00 " "	July 1886	10 10	$\frac{1}{2}$	M M	1. 25 1. 45	66	66
	10	1	M	2. 25 " "		. 10	1	M.	1.65	**	**
Average		3	M	2.081 " "	Average		4	M	1.45	**	66
July 1876	10. 10	3	M	2. 25 " "	Jan. 1887	10 10 10	$\frac{2}{1}$	M M M	1. 25 1. 50 1. 60	11	64 61
Average	. 10	4	M	2.061 " "	Average		4		1.40	41	44
Jan. 1877 July 1877	10 10	2 4	M	1.60 " "	July 1887	10	í	м	1. 25	44	**
Jan. 1878	10	3 3	M	1.60 "" "	0 4.5 1001	10	î 1	M	1, 50 1, 60	44	66
July 1878 Jan. 1879 July 1879	10 10 10	3 2	M M M	1. 50 " " " 1. 50 " " "	Average		3	M	1. 45	**	11

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS-Continued.

TAINTERS-Concluded.

Payroll of-	Hours per day.	Different employés.		Rate	of	wages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of v	vages
Jan. 1888	10 10 10	2 2	M M M	\$1.15 1.25 1.55	per	day.	Jan. 1890	10 10	2 3	M M	\$1.35 1.55	per	day.
Average	10	5	м	1. 27	44	11	Average	10	5	М	1.47	44	**
July 1888	10 10	1 2	M	1. 10 1. 25	44	rt 	July 1890	10 - 10	2	M M	1.35 1.55	11	41
Average	10	4	M	1.55 1.28½		66	Average	10	6	М	1. 481	11	££
Jan. 1889	10 10 10	1 1	M M M	1. 10 1. 35 1. 55	66 46 64	66 66	Jan. 1891	10 10	3 2	M M	1.35 1.55	11	44
Average		3	М	1.331	44	46	,Average	10	5	М	1.43	"	44 M
July 1889	10 10	2 2	M M	1.35 1.55	4.6	11	July 1891	10 10	4 2	M M	1.35 1.55	66	46
Average	10	4	M	1.45	66	44	Average	10	6	M	1, 413	"	4.6

PICKERS.

July 1842	13 13 13 13	1 2 1 1	M M M	.65] .68 .76	per é	lay.	Jan. 1847	13 13 13	2 2 2	M M M	. 64 . 75		11
Average	13	5	<u>M</u>	.715	44	44	Average	13	6	M	. 64½		"
		2	M	. 61		"	July 1847.	. 13 13	2 3	M M	. 55	**	44
Jan. 1843	13 13	2	M	. 76	"	44		13	3	M	. 75	61	66
Average	13	4	M	. 681	44	44	Average	13	8	M	. G6	4.6	66
July 1843	13 13	2 2	M M	. 61 . 76	11	64	Jan. 1848	13 13 13	$\begin{smallmatrix}2\\2\\2\\2\end{smallmatrix}$	M M M	.55 .61 .75	66 66	44
Average	13	4	M	. 681	**	44	Average	13	6	м.	. 641		**
Jan. 1844	13 13	2 2	M	.61 .76	14	66	July 1848	13 13	2 2	M M	. 55	44	**
Average	13	4	M	. 681	**	• •		13	2	M	. 75	44	4.4
July 1844	13 13	2 2	M M	. 61 . 76	11	61	Average	13	6	W	. 641	66 Ec	41.
Average	13	4	М	. 681	**	**	Jan. 1849	13 13 13	2 2 2	M M M	. 55 . 64 . 75	"	44
Jan. 1845	13 13	2_2	M M	. 61 . 70	"	66	Average	13	6	M	, 641	**	46
Average	13	4	M	. 65½	* *	"	July 1849	13	2 2	М	. 55	6L 18	11
July 1845	13 13	4	M M	. 61 . 70	**	44	lr .	13 13	2	M M	. 64	44	66
4 = 0 mg	13	8	M	. 65%		44	Average	13	6	M	. 641	4.6	**
Average			м	. 61		11	Jan. 1850	13 . 13	2 2	M	. 55 . 64	44	66
Jan. 1846	13 13	5 2	M	.71	44	44		13	3	M	.75	46	44
Average	13	7	M	. 64	44	66	Average	13	7	М	. 66	4.6	46
July 1846	13	3	M	. 55	66	" -	July 1850	13 13	3 2	M	.55	44	16 46
	13 13	3	M M	.61 .71	**	**		13	2	M	.75	44	64
Average	13	, g	М	. 623	**	4.6	Average	13	7	М	. 633	44	"

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

PICKERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of	Hours per day.	Different employes,	Sex.	Rate	of v	vages.
Jan. 1851	13 13 13	1 1 1	M M M	\$0.55 .64 .75	per	day.	Jan. 1860	13	1	M	\$0. 64 . 83		day.
Average	13	3	м	. 64}		41	Average	13	, 2	M	. 73 ½	-	4.6
July 1851	13	1	М	. 55	1.6	44	July 1860	13 13	1 1•	M M	. 67	44	46.
	13 13	1	M	. 64	45-	44	Average	13	2	M	. 75	"	66
Average	13	3	М	. 641	14	44	Jan. 1861	13 13	1	M M	. 67	**	46
Jan. 1852	13 13 13	1 1 2	M M M	.55 .64 .75	44	6 C 6 G	Average		2	M	.75	**	**
Average		4	M	. 67 1		"	July 1861	13 13	1	M M	. 67		44
July 1852	13	1	M	. 55	44	44	Average	13	2	M	. 75	44	44
	13 13	$\frac{1}{2}$	M	. 64	**		Jan. 1862	12 12	1	M M	. 67	44	44
Average	13	4	М	. 67½			Average	i		M	.75	-	46
Jan. 1853	13 13 - 13	1 2 2	M M M	. 42 . 64 . 75	6 6 6 4	**	July 1862 Jan. 1863	12 12	1 1	M M	. 75	14	44
Average	13	5	M	. 64	"	16	July 1863 Jan. 1864	12 12	1 1	M	1.00	44	44
July 1853	13 13 13	1 1 2	M M M	.42 .75	44	44 44	July 1864 Jan. 1865 July 1865	12 12 12	,1	M M M	1. 25 1. 50 1. 33	66	11
Average		4	M	. 693		"	Jan. 1866	12 12	1 1	M M	1. 12 1. 40	46	11
Jan. 1854	13	2	M	. 61	41	44	Average		2	M	1. 26	11	t t
'A worowo	13	4	M	. 75		44	July 1866	,12	2	M	1. 12 1. 40	"	44
Average July 1854	13.	1	M	.42	44	44	Average		* 3	M	1. 21		44
July 1001	13 13	1 2	M	. 75 . 80	44	44	Jan. 1867	12 12	1	M M	1. 12 1. 40	46	44
Average	13	4	М	. 691	"	4.6	Average		2	M	1, 26		**
Jan. 1855	13 13 13	1 1 2	M M M	. 42 . 75 . 80	**	44	July 1867	12 12	1	M M	1. 12 1. 40	"	44
Average	13	. 4	М.	. 691	46	**	Average	12	2	М	1. 26	44	44
July 1855	13 13 13	1 2 2	M M M	. 42 . 64 . 80	66 66	64 64	Jan. 1868	11	2 1	M M	1.00 1.12	44	**
Average		5	M	. 66	44	11	Average	11	3	M	1.04	"	66
July 1858	13 13	. 1	M M	. 64	66	44	July 1868	11 11	1 1	M M	1.00 1.12	"	44
Average	13	2	М	. 731	• 11	**	Average	11	2	M	1.06	"	64
Jan. 1859	13 13	1 1	M M	. 64	11	44	Jan. 1869	11 11	1 1	M M	1.00 1.12	44	44
Average	13	2	М	. 731	44	4.6	Average	11	2	M	1.06	"	66
July 1859	13 13 13	1 1 1	M M M	. 42 . 70 . 83	11	4 4 4 6	July 1869	11 11	1 1	M M	1.00 1.12	46	64 66
Average	13	/ 3	M	. 65	44	44	Average	. 11	2	M	1.06		44

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

PICKERS -Continued:

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.
Jan. 1870	- 11 11 11	1 2 1	M M M	\$1.00 1.12 1.50	per "	day.	July 1876	10 10	3 3	M M	\$0, 90 1, 10	per	
Average	` 11	4	M	1. 181	44	4.6	Average	10	6	М	1.00	11	11
July 1870	11 11	- 42 .	M	1.00 1.12	66	66	Jan. 1877	10 10	4	M M	. 85 . 90	6.6	"
	iî	ĭ	M	1.50	44	11	Average	10	5	М	. 86	41	**
Average	11	6	M	1. 14 1		41	July 1877	10	3	й	. 85	11	11
Jan. 1871	11 11 11	2 3 1	M M M	1.00 1.12 1.50	14	**	Averagė	10	5	M	1.00	**	"
Average	11	6	M	1. 14		и.	Jan. 1878	10 10	3	M	. 85	66	66
J uly 1871	11 11	2 3	M	1.00 1.12	64	11	Average	10	6	м	. 921		41
	11	1	M	1.50	. "	**	July 1878	10	3	м	.85		"
Average		6	M	1.141	***	11		10	6	М 	1.00	**	44
Jan. 1872	11 11 11	3 1 2	M M M	1.00 1.12 1.50	**	44	Jan. 1879	10	4	M	. 80	44	14
Average		6	M	1. 18	"	**		10	9	<u>M</u>	. , 95	**	"
July 1872	11	1	M	1.00	44	"	Average	10	7 4	M M	. 86½		"
	11	1	M	1. 12 1. 50	46	**	July 1879	10	3	M	. 95		ıı
Average	11	3	М	1. 201		66	Average		7	M	. 86½	11	44
Jan. 1873	11 11	2 2	M	1. 12 1. 25	44	44	Jan. 1880	10 10	3	M	. 80 . 95	11	16
	11	5	M	1, 33 1, 50	44	44	Average	• 10	.7	M	. 861	rt	44
Average	11	14	M.	1, 35		4.6	July 1880	10 10	- 8	M	1.00 1.05	**	44
J uly 1873	11 11	2 3	M M	1. 12 1. 25		44	Average	10	10	м	1.01	64	46
	11 11	5 5	M	1, 33 1, 50	11	11	Jan. 1881	10 10	7	M	1.00 1.05	44	66
Average	11	15	M	1. 34	-	t1	Average		8	м	1.001	4.6	46
Jan. 1874	11 11	3	M	1.00 1.06	66	66	July 1881	10	6 2	M	1.00 1.05	14	14 41
	11	5	M	1. 25 1. 28	"	44	Average	10	- B	,М	1.013	61	41
Average	11	11	M	1.18	- "	44	Jan. 1882		4	Ж	1.05	64	"
July 1874	11 11	3 5	M	1.06 1.13	64	44		10	6	M	1. 10		44
	11 11	1 3	M	1, 28 1, 40	**	41	July 1882		5	M	1, 05	41	**
Average	11	12	M	1. 19	1 11	**	oury roop	10	3	M	1.10	. "	
Jan. 1875	10 10	3 4		1. 02 1. 27	1 "	44	Average		8	M	1.07		- "
Average		7	M	1. 17		**	Jan. 1883	10 10	5	M	1. 10		44
July 1875	10			1. 02 1. 27	1 11	44	Average	1	9	M	1.08		44
Average				1. 17	. 14	**	July 1883	10 10	6 4	M M	1. 05 1. 10	. "	**
Jan. 1876		9	M	1.02	1 "	**	Average	10	10	М	1.07	.,	68

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

PICKERS-Concluded.

Payroll of-	Hours per day.	Different employés.	Sex.	Rate	ot	wages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of v	vages
Jan. 1884	10 10	5 4	M	\$1.05 1.10	per	day.	Jan. 1888– conc'd.	10 10	4 2	M M	\$1.05 1.15	per	day.
Average	10	9	M	1.07	44	**	A verage	10	10	M	1.04	44	66
July 1884	10 10	6 5	M M	1.05 1.10	**	44	July 1888	10 10	2	M M M	. 95 1. 00	46 44	66 66
Average	10	11	M	1.071	4.4	4.1		10 10	4 2	M	1.05 1.15	66	64
Jan. 1885	10 10	4 4	M M	1, 10 1, 15	**	"	Average	10	10	M	1.04	**	**
Average	10	8	М	1.121		**	Jan. 1889	10 10 10	1 3 2	M M M	. 95 1. 00 1. 10	11	11
July 1885	10 10	5 3	M	1. 10 1, 15	11	**	Average	10	. 6	М	1.024	4.6	+4
Average	10	8	М	1. 12	44	**	July 1889	10 10	3 2	M M	. 95 1. 00	16	11
Jan. 1886	10 10	4 2	M M	1. 10 1. 15	11	"		10	2	<u>M</u>	1. 10	4.4	44
Average	10	6	M	1. 115	4.6		Average	10	7	M	1.001	41	44
July 1886	10 10	6 4	M	1. 10 1. 15	14	44	Jan. 1890	10 10	3 2	М М	1.00 1.15	44	46
Average	10	10	M	1.12		44	Average	10	5	M	1.06	44	44
Jan. 1887	10 10	4 3	M	1.05 1.25	44	64 64	July 1890	10 10	6	M	1.00 1,15	**	44
Average	10	7	М	1. 131		64	Average Jan. 1891	10 10	7 2	M	1.02	44	44
July 1887	10 10	7	M M	1.05 1.25	66	46 .	Average	10	5	<u>М</u> М	1.10	64	**
Average	10	11	M	1. 121		66-	July 1891	10	4	M	1.00	66	44
Jan. 1888	10 10	2 2	M M	. 95 1. 00	16	64	Average	10	6	M	1. 10	"	

July 1873 Jan. 1874 July 1874	11 11 11	3 3 2	F F	1. 25 1. 06 1. 06	per	day.	July 1880	10 10	5 2	F	. 95 1. 00	per	day.
Jan. 1875	10	3	F	. 831		16	Average	10	7	F	. 961	44	44
	10	2	F	. 961			Jan. 1881	10	3	F	. 95	16	44
Average	10	5	F	. 881	"	4.4	1:	10	3	F	1.00		
July 1875	10 10	2 5 5	F	. 96½		44	Average	10	6	F	. 971	44	11
Jan. 1876 July 1876	10		F	. 965	- 44	64	July 1881	10	3	F	. 95	44	44
Jan. 1877	10 10	3	F	.90	14	6.6		10	3	F	1.00	**	4.6
July 1877 Jan. 1878	10	3	F	. 90	1.4	4.4	Average	10	6	F	. 971	"	44
July 1878	10	3	F	. 90	4.6	6.4	Jan. 1882	10	3	F	. 95		66
Jan. 1879	10 10	2	F	. 85 , 95	11	6.6	52211 1002	10	3	Î	1.00		44
						44	Average	10	6	F	. 971		44
Average	10	3	F	. 881	44	14	- 1	10	, ,	F	. 95	4.6	66
July 1879	10 10	2	F	. 85 . 95	14	44	July 1882	10 10	. 4	F	1.05	16	44
				·		**		10	6	F	001	64	44
Average	10	3	F	. 88 1		••	Average	ŤΩ	· ·	_	. 981		
Jan. 1880	10	3	F	. 85	4.6	44	Jan. 1883	10 10	2 4	F	1.00 1.05	14	44
	10	2	F	. 95			-				!		
Average	10	5	F	.89	4.6	4.4	Average	10	6	F	1.031	44	

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued. BOOM HANDS—Concluded.

Payroll of—	Hours per day.	Different employés.		Rate	of	wagos.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages
July 1883	10 10	4 2	F	\$1.00 1.05	per	day.	July 1886	10 10	3	F	\$1.00 1.05	per	day.
Average	10	6	F	1.011	46	44	Average	10	6	F	1.021	**	44
Jan. 1884	10 10	, 3	F F	. 95 1. 05	44	"	Jan. 1887	10 10	$\frac{2}{7}$	F F	. 70 1. 00	14	4 6 5 4
Average	10	5	F	. 99	44	66	Average	10	9	F	. 93½	64	i i
Julý 1884	10 10	4 3	F	. 95 1. 05	44	"	July 1887	10 10	2. 7	F F	. 70 1. 00	44	44
Average	10	7	F	. 991	- 11	4.6	Average	10	9	F	1.931	44	**
Jan. 1885	10 10	2_2	F.	. 95 1. 05	""	44	Jan. 1888	10 10	7	F	. 70 1. 00	44	"
Average	10	4	F	1.00	44	44	Average July 1888	10 : 10	9 2	F F	. 93½ . 70	**	14
July 1885	10 10	3 4	F	. 95 1. 05	44	"	Average	10	8	F	1.00		**
Average	10	7	F	1.001	44	16	Jan. 1889	10-	- 6	F	1.00	44	44
Jan. 1886	10 10	3	F F	1.00 1.05	. 11 - 11	* 66	July 1889 Jan. 1890 July 1890	10 10 10	6 7 7	F	1.00 1.00 1.00	"	14 11
Average	10	6	F	1.021		"	Jan. 1891 July 1891	10 10	6 7	F	1.00 1.00	11	46

ROVING HANDS.

Jan. 1870 July 1870 Jan. 1871	11 11 11	10 11 2	M M M	. 50 . 52 . 52	per "	day.	Jan. 1875 July 1875 Jan. 1876 July 1876	10 10 10 10	6 5 10 10	M M M	.41 .41 .38	14	day.
July 1871	11 11	6 6	M	. 67	44	"	Jan. 1877 July 1877 Jan. 1878	10 10 10	9 9 12	M M M	. 35 . 35 . 35	,,	66
Average	. 11	12	M	. 683	* *	**	July 1878 Jan. 1879	10 10	12 10	M	. 35	"	44
Jan. 1872	11 11	3 5	M	. 64		**	July 1879 Jan. 1880 July 1880	10 10 10	10 10 11	M M M	.30	44	64 66
Averâge	11	8	M	. 67½		**	Jan. 1881 July 1881	: 10 10	10 10	M M	. 35	44	**
July 1872	11 11	5 5	M M	. 70	11	44	Jan. 1882 July 1882	10 10	10 10	M M	.39	44	**
Average	11	10	M	. 67		**	Jan. 1883	10 10	6 4	M M	. 35 . 45	14	66 t
Jan. 1873	11 11	5 6	M	. 64	**	44	Average	10	10	М	. 39	6.6	11
Average	11	11	М	. 70		11	July 1883	10	2	M M	. 35 . 45	44	14
July 1873	11 11	6 5	M M	. 62	64	**	Average		10	м	. 37		**
Average	11	11	M	. 68	44	4.6	Jan. 1884	10 10 10	7 8 1	M M M	.37	**	64 64
Jan. 1874	11 11	10 7	M M	. 45	64	"	Average	10	1	М	. 74		44
Average	11	17	M	. 47	54	**	July 1884	10	7 8	M M	. 37	16	44
July 1874	11 11	6 9	M	. 45 . 50	11	"		, 10 10	1	M M	.58	44	44
Average	11	15	M	. 48	••	44	Average	10	17	M	. 41	**	

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued ROVING HANDS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wa⁄ges.
Jan. 1885	10 10 10	4 1 1	M M M	\$0.38 .58 .70	per "	day,	July 1888	10 10 10	3 5 4	М М М	\$0. 35 . 40 . 50	por	day.
Average	10	6	M	. 461	4.6	"	Average	10	12	М	. 42	16	**
J uly 1885	10 10 10	* 4 1 1	M M M	.38 .58 .70	11	"	Jan. 1889	10 10 10	4 4 6	M M M	. 35 . 40 . 50	44	64 66
Average	10	6	M	. 461	"	44	Average	10	14	M	. 43	66	6.6
Jan. 1886	10 10	2 2	M M	. 45 . 75	11	46	July 1889	10 10 10	. 5 . 7	M M M	.35 .40 .50	44	66 64 65
Average	10	4	M	. 60	44	4.6			15	M	·\		44
July 1886	10 10	2 9	M M	. 45 . 75	**	**	Average Jan. 1890	10 10 10	4 6	M M	. 431	41	"
Average	10	4	M	. 60	11	rr rr	Average		10	M	. 41		16
Jan. 1887	10 10	6 5	M M	.38	44	66	July 1890	10	4 6	M	. 35	44	
Average	10	11	M	.41	**	**	Average	J	10	M	.41		
July 1887	10 10	- 6 6	M M	.38	"	11	Jan. 1891	10 10	8 4	M M	. 45	66	44
Average	10	12	М	.41½	44	**	Average	10	12	М	. 50		***
Jan. 1888	10 10	6 7	M M	. 38	**	44	J uly 1891	10 10	8 4	M	. 45	**	"
Average	10	13	м	. 42		44	Average	10	12	M	. 50		

SECOND HANDS:

													-
Julý 1842	13 13	1	M M	1.16 1,16	per	day:	July 1845	13 13 13 . 13	1 1 2	M M M	1.00 1.16 1.25	per	day.
Average	13	2	М	1.161	4.6	46	A ********	13	4	M	1. 16%		44
Jan. 1843	13 13	1 1	M	1.00 1.16	44	44	Average Jan. 1846	13	1	M	. 91	64	14
	13	i	M	1. 161	' 11	**	0 MH. 1040	13 13	2	M M	1. 16 1. 25	66	66
Average	13	3	М	1.11	44	44	Averago	13	4		1, 12	44	61
July 1843	13 13	1	M	1.08 1.25	66	44	July 1846	13	1	м	1, 12	4.6	44
A		. 2	M	1		44	July 1640	13 13	2	M	1. 16 1. 25	11	44
Average		_		1. 161	44	44			4	M	_		14
Jan. 1844	13 13	1 1	M	.75 1.08	64	46	Average		_		1. 141		14
	13 13	2	M M	1.16 -1.50	"	14	Jan. 1847	13 13	1 2	M M	1.08 1.16	11	"
Average	18	5	м	1.13	11	44	Ì	13	1	<u>M</u>	1. 25		"
July 1844	13	1	М	. 83½	44	66	Average	13	4	М	1.161	"	"
	13 13	1 3	M M	1.00 1.16	64	44	July 1847	13 13	3 1	M M	1. 16 1. 25		
Average	13	5	M	1.061	16	44	Average	13	4	м	1. 18½		**
Jan. 1845	13	1	М	. 831	**	44	Jan. 1848	13	3	M	1. 16	66	66
	13	4	М	1. 16				13	1	M	1. 25	"	**
Average:	13	5	M	1.091	44	44	Average	13	4	\mathbf{M}	$1.18\frac{1}{2}$	**	••

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued. SECOND HANDS—Continued.

							1	, , , , , , , , , , , , , , , , , , ,	1 9	,			
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1848	13 13	3 1	M M	\$1.16 1.25	per	day.	July 1858	13 13 13	4 1 1	M M M	\$1.08 1.16 1.25	per	day.
A verage	13	4	M	1.181	44	4.6	Average	13	6	_ M	1. 12	11	44
Jan. 1849	13 13	2 1	M M	1. 16 1. 25	44	"	Jan. 1859	13 13	4 1	M	1. 08 1. 16	44	6
Average	13	3	M	1.19	4.4	44		13	1	M	1. 25	"	**
July 1849	13 13	2 1	M M	1, 16 1, 25	14	44	Average July 1859	13	6 2	M	1. 12	"	14
Average	13	3	M	1. 19	* *	44		13 13 13	1 2 1	M M M	1.08 1.16 1.25	46	
Jan. 1850	13 13	2	M M	1.16 1.25	66	**	Average		6	M	1. 11	4.6	44
Average	13	3	M	1. 19	"	44	Jan. 1860	13 13	5 1	M	1. 16 1, 25	44	**
July 1850	13 13	1	M	1.00 1.16	44	**	Average		6 *	M	1, 173	44	44
Average	13	3	M	1. 25		14	July 1860	13 13	3	M M	1. 16 1. 25	44	"
Jan. 1851	13	1	м	1,00	**	44	Average	13	7	<u></u>	1. 21		44
	13 13	1 1	M	1.16 1.25	44	11	Jan. 1861	13 13	3 3	M M	1. 16 1. 25	"	**
Average	_	В	М	1.13		44	Average	13	6	M	1. 20₺	11	44
July 1851	13 13	$\frac{1}{2}$	M	1.00 1.16	11	: '	July 1861	13 13	1	M	1. 16 1. 25	66	**
Average	13	3	М	1. 101	"	44	Average		2	M	1. 201		"
Jan. 1852	13 13	1 3	M M	. 83 1. 16	**	44	Jan. 1862	12 12	- 2 1	M M	1. 16 1. 25	46	66
Average	13	4	M	1.07	"	**	Average		3.	M	1, 19	**	44
J uly 1852	13 13 13	1 2 1	M M M	1.00 1.16 1.25	64 64	46	July 1862	12 12	3	M	1.00 1.16	44	4.6 84
Average	13	4	М	1. 14		**	Average	12	4	M	1.04	44	44
Jan. 1853	13 13 13 13	1 1 1 2	M M M M	1.00 1.16 1.25 1.33	11 11 11	61 66 61	Jan. 1863 July 1863 Jan. 1864 July 1864 Jan. 1865	12 12 12 12 12	1 1 2 2 2	M M M M	1. 16 1. 16 1. 50 1. 25 1. 25	44 44	14 14 14
Average July 1853		5	M	1. 21	ł "	11	July 1865	12 12	3 2	M	1. 50 1. 75	44	44
Jan. 1854	13	1	M	1.08	14	44	Average	-	5	M	1.60		44
D 1 1 0 0 1	13	1	M	1.33 1.50	- 66	"	Jan. 1866	1	1 3	M M	1. 50 1. 75	11	46
Average	13	3	M	1. 30	_	"		12	. 1	M	2.00	61	+4
July 1854	13 13	1	M	1. 33 1. 41	44	44	Average		5	M	1.75	. 14	44
Average	13	2	M	1. 37		44	July 1866	12 12	3	M	1,75 2.05	16	"
Jan. 1855	19 13	1 1	M M	1. 25 1. 41	41	46	Average		4	М	1.81	**	66
Averag	13	2	M	1.33	41	14	Jan. 1867	12	3	M	1.83 2.00	**	46
July 1855	13	1	M	1. 25	44	**	Average	12	4	M	1.87	"	86

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SECOND HANDS-Continued.

Payroll .of—	Hours per day.	Different employés.	Sex.	Rate	of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vagea.
July 1867	12 12 12	$\frac{2}{2}$	M M M	\$1.75 1.83 2.00	per day.	July 1873- cone'd.	11 11	1 3	M M	\$1, 62 2, 25	per	day.
Average	12	5	M	1. 83	14 44	Average	11	6	M	1.84	44	**
Jan. 1868	11 11	3 2	M M	1. 83 2. 00	11 11	Jan. 1874	11 11 11	1 1 5	M M M	1, 16 1, 62 2, 00	6 6 6 6	64 . 64 .
Average	11	5	M	1.90		Average		7	M	1.823		44
J πly 1868	11 11	3 2	M M	1.83 2.00	14 44	July 1874	11	1	М	1.10	11	"
Average	-11	5	M	1. 90	11 11		11 11 11	1 6 1	M M M	1. 62 2. 00 2. 25	"	"
Jan. 1869	11 11 11	1 2 2	M M M	1. 50 1. 83 2. 00	44 44 44 44	Average		9	M	1. 881		"
Average	11	5	M	1. 83	66 61	Jan. 1875	- 10 10	2	M M	1. 59 1. 82	**	44
J uly 1869	11 11 11	1 1 1	M M M	1, 50 2, 00 2, 25	11 44 14 14 14 16	Average	10	6	М	1.743	4.4	"
Average	'	3	M	1. 91		July 1875	10 10	2 4	M M	1. 59 1. 82	4.6	11
Jan. 1870	11	1,	M	1.33 1.50		Average	, 10	6	M	1.74	41	41
	11 11 11	1 1	M M	1. 75 2. 00	11 11	Jan. 1876	10 10 10	- 1 4 1	M M M	1.59 1.82 2.00	44	"
Average	11	4	M	1.643	11 11		10	i	M	2. 271	4.6	44
July 1870	11 11	2	M M	1.00 1.25	22	Average	1	7	М	1.88	1.6	44
	11 11 11	1 1 2	M M M	1. 33 1. 50 2. 00	16 11	July 1876	10 10 10 10	1 4 1 1	M M M M	1. 59 1. 82 2. 00 2. 20	66 66	11
~ Average	11	7	M	1.44	64 66	Average	-	7		1.86		4.6
Jan. 1871	11 11	2 2	M M	1. 25 2. 25	11 11	Jan. 1877	10 10	2 2	M	1.50 1.75	46	66
Average	11	4	M	1.75	14 44		. 10	1	M	1.80		6.6
J uly 1871	11 11 11	2 1 2	M M M	1. 25 1. 50 2. 25	44 14 44 14	Average July 1877	10	5 1	M	1.66		66
Average		5	м	1.70			10	1 2 1	M M	1.65 1.75	**	61 66
Jan. 1872	11 11 11	1 1	M M M	1. 25 1. 50 2. 25	14 14 16 64	Average	10	5	M	1. 69	,	44
Average		3	M	1. 661		Jan. 1878	10 10	1 1	M M	1. 25 1. 50	4.6	14
July 1872	11	1 2	M M	1.50 2.00	: ::		10 10 10	1 1 1	M M M	1. 65 1. 75 1. 80	44	66 66 86
	11	ĩ	M	2. 25		Average		5	M	1.59		••
Average		4	M	1.93		July 1878	10	1	M	1. 25	"	61
Jan. 1873	11	1 1	M	1. 16 1. 50 1. 62	44 41		10 10 10	1 1	M M M	1.50 1.65 1.75	46	"
	11 11 11	1 3 ~1	M M M	2, 00 2, 25	64 14 46 44		10	1	M	1.80	. "	44
Average		7	M	1.79		Average	-	5	M	1.59	**	11
July 1873	11	1	M M	1. 16 1. 50	11 11	Jan. 1879	10 10 10	1 1 4	M M M	1. 40 1. 65 1. 80	44	**

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSEITS—Continued.

SECOND HANDS-Continued.

Payroll of—	Hours per day.	Different employés		Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wage
Jan. 1879- cone'd.	10 10	2 1	M M	\$1.85 2,00	per	day.	July 1883 conc'd.	10 10	3 I	M M	\$2.00 2.65	per	day,
_ Average	_10	9	M	1.77	1.6	+6	Average	10	12	M	1.96	••,	- 11
July 1879	10 10 10 10 10	1 1 4 2 1	M M M M M	1. 40 1. 65 1. 80 1. 85 2. 00	6 6 6 6 6 6 6 6	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Jan. 1884.	10 10 10 10 10	2 1 1 2	M M M M	1.75 4.80 1.90 1.95 2.00	44 44 44	# # # #
_ Average	10	9	M	1.78½	44	**		10	1	M	2. 60	44	44
Jan. 1880	10 10 10 10 10	1 1 5 2 1	M M M M	1. 40 1. 60 1. 80 1. 85 2. 10	66 66 66	66 66 66	Average July 1884	10 10 10 10	11 2 1 1 2	M M M M	1. 97½ 1. 75 1. 80 1. 90 1. 95	66 65 66	66 66 66 66
Average	10	10	M	1. 78	4.4	44		10 10	4	M	2.00 2.60	46	" -
July 1880	10 10 10 10	1 3 4 1	M M M M	1. 75 1. 80 1. 85 2. 10	66 66 66	66 66 64	Average	10	11'	M	1. 971	66	64
Average	10	9	M	1. 85	**	**	Jan. 1885	10 10 10	1 2 2	M M M	1. 75 1. 80 1. 85	44	66 66
Jan. 1881	10 10 10 10 10	1 1 2 5	M M M M	1. 60 1. 75 1. 80 1. 85 2. 10	46 66 66	14 11 12		10 10 10 10	1 3 1 1	M M M M	1. 90 2. 00 2. 25 2. 60	44 44	66 66
A vorogo	10	10	M	1. 83		44	Average	10	11	М	1. 98	"	**
Average July 1881 Average	10 10 10 10 10	1 3 5 1	M M M M	1. 40 1. 80 1. 85 2. 10	46 46 41 61	66	July 1885	10 10 10 10 10 10 10	1 1 2 2 2 1 3	M M M M M M	1. 60 1. 75 1. 80 1. 85 1. 90 2. 00 2. 25	14 14 14 14 14 14	66 66 40 66 46 46
Jan. 1882	10	1	м	1.60	6.6	"	Average	10	11	M	1. 89	44	44
	10 10 10 10 10	2 3 1 2 1	M M M M	1. 85 1. 90 1. 95 2. 00 2. 15	66	66 66	Jan. 1886	10 10 10 10	1 2 1 4	M M M	1. 80 1. 90 1. 95 2. 00	66 66 66	11 11 66 64
Average	10	10	M	1.91	6.6	15 -	Average	10	8	M	1.94		61
July 1882	10 10 10 10 10	1 1 2 3 1 2	M M M M M	1. 60 1. 65 1. 85 1. 90 1. 95 2. 00	66	61 64 65 61	July 1886	10 10 10 10	1 2 1 4	M M M	1.80 1.90 1.95 2.00	66	64 64 64
-	10	1	M	2. 15	41	"	Average	10	8	M	1.941	1.6	44
Average	10	11	M	1.884	44	44	Jan. 1887	10 10	3 3	M	1.80 1.90	44	14
Jan. 1883	10 10 10 10	1 1 2 3	M	1. 60 1. 75 1. 85 1. 90	11 11 14	66	Average	10	7 1	M	2. 00 2. 15 1, 941	**	14
	10 10 10	1 3 1	M	1, 95 2, 00 2, 65	66 66	**	July 1887	10 10 10	3 3	М	1. 80 1. 90 2. 00	66 66	41 41
Average	10	12	M	$1.94\frac{1}{2}$	4.4		_	10	i		2. 15	14	
July 1883	10 10 10 10	$\begin{bmatrix} 2\\2\\3\\1 \end{bmatrix}$	M M	1.90	66 61 61	46 66 46	Average Jan. 1888	10 10 10	1 2	M M	1. 94½ 1. 70 1. 80 1. 90	66 66	44 45 66

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SECOND HANDS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
Jan. 1888 conc'd.	10 10	7 1	M M	\$2.00 2.15	per	day.	Jan. 1890	10 10	11 1	M M	\$2,00 2,15	per	day.
Average	10	13	M	1.94	4.6	4.6	Average	10	12	M	2.011		4.6
July 1888	10 10 10	1 2 6	M M M	1.70 1.90 2.00	11	6.6 6.6	July 1890	10 10	11 1	M M	2. 00 2. 15	4.5	44
	10	1,	М	2. 15	4.4	14	Average	10	12	M	2.011	4.4 P	44
Average		` 10	M	1.961	44	66	Jan. 1891	10 10	1 8	M	1.90 2.00	44	6.6 6.6
Jan. 1889	10 10 10	2 6 1	M M M	1.90 2.00 2.15	**	44	Average	10	11	M	2. 12½		14
Average		9		1. 991	11	61	July 1891	10	1	M	1.90		**
July 1889	10 10	2 6	M M	1.90	4 4 5 6	44		10 10	9 2	M M	$\begin{array}{c c} 2.00 \\ 2.12\frac{1}{2} \end{array}$	44	* *
	10	i	M	2. 15	1.1	11	Average	10	12	M	2.012	4.6	**
Average	10	9	M	1. 991		11							

July 1842	13 13 13 13 13	1 1 2 1	M M M M M	. 45 . 57 . 60 . 83 1. 12	per 	day.	July 1845	13 13 13 13 13	2 2 1 2 1	M M M M M	. 30 . 60 . 65 . 75 1. 00	per "	day.
Average	13	6	M	. 691	6.6	4.6	Average	. 13	8	M	. 62	"	4.6
Jan. 1843	13 13 13 13 13	1 1 1 1	M M M M	. 45 . 57 . 60 . 61 . 75	66 66	6 6 6 6 6 6 6 6	Jan. 1846	13 13 13 13 13	1 1 3 1	M M M M	. 45 . 61 . 70 . 83 . 91	66 66	£ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £
Average	13	5	M	. 59½	11	. 11	Average	13	7	М	. 73½	4.6	61
July 1843	13 13 13 13	1 1 1 1	M M M M	. 57 . 61 . 67 . 83½	66 66 66	66 66 66	July 1846	13 13 13 13 13 13	1 1 3 1 3	M M M M M	. 45 . 61 . 67 . 72 . 83 . 91	14 12 14	66 66 66 66
Average	13	- 4	M	. 67								46	41
Jan. 1844	13 13 13 13 13 13 13	1 1 2 1 1 1 1	M M M M M M M	. 45 . 50 . 55 . 58 . 61 . 67 . 83 . 91	66 66 66 66 66 66	44 44 44 44 44 44	Average Jan. 1847	13 13 13 13 13 13 13 13	10 2 1 3 1 2 1	M M M M M M	.72 .45 .61 .67 .75 .83 .91	44 44 44	66 66 66 66 66 66
Average	13	9	M	. 63	11	64	A	13	11	м	.711		44
July 1844	13 13 13	2 2 1	M M M	. 65 . 70 . 83	44	66 66 66	Average July 1847	13 13 13 13	2 1 2 1 2	M M M M	. 45 . 61 . 67 . 75	66 66	6 L 6 C 6 C
Average	13	5	М	. 701				13	1	М	. 83	11	41
Jan. 1845	13 13 13	1 1 1	M M M M	. 50 . 54 . 60 . 65	14	 	Average	13 13 13	2 2 11	M M	. 83½ 1. 00	"	61
	13 13 13	1 1 1	M M M	. 67 . 75 . 83	66	6 6 6 6	Jan. 1848	13 13 13	I 1 1	M M M	. 40 . 45 . 58	**	66 66
Average	13	7	M	. 65	44	4.6		13	1	M	61	46	44

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS -- Continued.

SECTION HANDS-Continued.

1,					_								
Payroll of—	Hours per day.	Differen employés		Rate	of	wages.	Payroll of -	Hours per day.	Differen employés	Sex.	Rat	e of	wages.
Jan. 1948 conc'd.		1 1 3	M M M	\$0.75 .83½ 1,00	Per		Jan. 1855	13 13 13 13	2 1 1 1	M M M M	\$0.60 .75 .83 1.16	pei	day.
Averag	e 13	. 9	M	.731	4.6		Averag		5	M	. 79		"
July 1848	13 13	1 2	M	.45	11	44				M	. 19		
, m	13 13 13 13 13	1 3 1 1 3	M M M M	. 55 . 67 . 75 . 83½ 1,00	66 66 6	66 64 64 64	July 1852	13 13 13 13	•1 1 3 2	M M M M	. 60 . 67 . 75 . 83 1. 00	48 44 44	14 14 14
Average		12	M	. 73	11	6.6	1.	13	2	M	1.16	44	
Jan. 1849	13	1	M	.48		61	Averag	e 13	10	Л	. 881	4.6	66
	13 13 13 13 13 13 13 13	2 1 1 1 1 1 1	M M M M M M	.50 .56 .67 .75 .83 .83½ .91	66 66 66 66 66 66 66	66 66 66 66 66 66	Jan. 1859	13 13 13 13 13 13 13 13	1 1 2 '1 1 1	M M M M M M M	.60 .67 .75 .83 1.00 1.08 1.25	64 66 66 66 66 66	66 66 66 66
	13	1	М.	1.08	11	**	Average	e 13	8	M	. 861	- "	**
Average		11	M	. 74	A 6	4.6	July 1853	13	2	M.	. 45	"	14
July 1849	13 13 13 13 13 13 13 13	1 1 2 1 2 1 2	M M M M M M M	.50 .60 .65 .67 .75 .91 1.00 1.08	66 66 66 66	44 45 46 44 44 44		13 13 13 13 13 13 13 13	1 2 2 1 1 1	M	. 64 . 67 . 75 . 83 1. 00 1. 16 1, 25	44 14 14 14 14 14	11 11 11 11 11 11
Average	13	13	M	. 73	66		Average	13	11	M	$.78\frac{1}{2}$	-	4.6
Jan. 1850	13 13 13 13 13 13 13	5 1 1 1 2 1		.50 .64 .65 .67 .91 1.00 1.08	66 68 66 66 66 66	11 14 41 41 41 41	Jan. 1854	13 13 13 13 13 13	4 1 1 2 1	M M	. 60 . 75 . 83 1. 00 1. 16 1. 25	44	46 46 46 46
.	13	î		1, 16	44	16	Average		10	M	. 84	4.6	6.6
Average July 1850	13 13 13 13 13 13	13 1 8 1 2 1	M M M M M	.40 .50 .67 .75	11 11 11 11	. 4 64 64 64	July 1854	13 13 13 13 13 13 13	1 1 1 2 1 1	M M M M M M	r. 10	66 66 61 60 84	46 46 46 46 46 46
1	13	1 2			11	44	Average	13	8	M	. 79	**	**
Average	13	11	м	. 76	44	"	Jan. 1855	13 13	1 1	M M		tt tt	46
Jan. 1851	13 13 13 13 13	1 3 1 1	M M M M	. 55 . 831 . 91	6 6 6 6 6 6 6 6	66 44 64		13 13 13 13	1 3 2 1	M M M	. 64 . 75 . 91 . 16	44 44 44	11 44 44 44
-	13 13	1	M 1	. 08	4	"	Average	13	9		1-1 (3	"	44
Average	13	9		.791			July 1855	13	1		.60	44	46
July 1851	13	1		. 60			A	13	1	M 1	. 08	٠,	11
	13 13 13	1 3 1	M M 1	. 831 '	ı	11	Average Jan. 1858	13	1		. 123		14
Average -	13		'_	. 08			1	13	1	71	. 91 '	16	
						1.	A: er. gc,	13 -	2 1	м !	.79 '		**

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SECTION HANDS Continued.

Payroll of—	Hours per day	Different employés.	Sex.	Rate	of v	rages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of	wages
July 1858	13 13 13	2 3 2	M M M	\$0. 40 . 60 . 67	per	day.	July 1863	12 12 12	1 1 1	M M M	\$0. 65 . 91 1. 00	per	day.
	13 13	1 2	M	.70	**	"	Average	12	3	- <u>M</u>	. 851	16	44
	13	1	M	1.00	64	44	Jan. 1864	12	1	M	. 65	44	16
Average	13	11	M	. 68	4.5	41		. 12	ī	M	1.00	14	44
Jan. 1859	13	2	M	. 40	44	11	Average	12	2	M	. 82½	1.4	1.6
	13	3 1 2	M	. 60	14	44	July 1864	12 12	1	M M	. 65 1. 00	44	14
	- 13	1 1	M M M	.75	44	16		12	, 1	M	1.16	44	66
	13			1.00	16	15	Average	12	3	М	. 93½	6.6	66
Average	13	, 10	М .				Jan. 1865	12 12	1 1	M M	. 65 1. 00	61	44
July 1859	13 13	$\frac{2}{1}$	M	. 60	44	44	Average	12	2	M	. 821	44	44
	13 13	4	M	.75	11	**	July 1865	12	. 1	М	. 65	44	**
	13	1	<u>M</u>	1.00	11	44		12 12	1	M	1.00 1.25	64 14	41
Average		9	М	. 751	**	44		12 12	1	M M	1.33 1.37	**	44
Jan. 1860	13 13	2	M M	. 60	66	44	Average	12	5	M	1.12	44	48
	13 13	1	M	. 91 1. 00	66	44	Jan. 1866	12	2	M	1.00	11	41
Average	13	5	м	.76	44	**		12 12	$\begin{smallmatrix}1\\2\\2\\2\end{smallmatrix}$	M	1.33	61	41
July 1860	13	1	M	. 65	44	44		12		M	1.75	41	44
	13 13	1 1	M M	. 70	44	44	Average	12	7	M	1.401	41	
	13 13	2 1	M M	. 91 1. 00	46	44	July 1866	12 12	1	M M M	1. 00 1. 25	"	64
Average	13	6	M	. 831	44 *	66		12 12 12	1 1 3	M M	1. 50 1. 75	"	44
Jan. 1861	13	1 1	M	. 65 . 70	66	11	Average	ļ	7	M	1. 40%	44	44
	13 13	2 2	M	. 83	66	11	Jan. 1867	12	1	м	, 83	4.6	4.6
A	13	6	M	. 801	44	15%	0an. 100.	12 12	2	M	. 90 1. 25	44	44
Average		1	м	. 65	æ	46	1	12	1	M	1. 50 1. 67	11	44
July 1861	13 13 13	2	M	.75	4.6	44		12 12	l i	M	1.75 1.91	11	46
	13	1 1	M	1.00	44	44	Average	-	8	M	1.34		44
Average		6	M	. 811	46	15	July 1867	12	1	м	. 92	11	44
Jan. 1862	12	1	м	. 65	66	66		12 12	1 1	M	1.00 1.67	44	14
6 an. 1002	12 12	2 2 1	M	.75	44	66		12 12	1 1	M	1.75 1.91	66	46
	12	ĩ	M	1.00	**	44	Average		5	М	1.45		4.6
Average	12	6	M	. 83	66	44	Jan. 1868	11	2	м	. 92		
July 1862	12 12	1 2	M M	. 65 . 75	66	44		11 11	1 1	M	1.08	"	16
	12	ı	м	1.00	46	46		11	1	M	1.67	. "	4.6
Average	12	4	М	. 78	"	.4	Average	1	5	M	1.22	66	
Jan. 1863	12 12	1	M	. 65 . 91	44	"	July 1868	11	2	·M	1.16	66	
	12	1	M	1.00	41	44		11	2	М	1.67	- 14	
Average	12	3	M	. 85	**	**	Average	11	5	M	1. 27	**	41

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SECTION HANDS-Continued.

Payroll of	Hours per day.	Differen emplo§é		Ra	te o	f wages	Payroll of	Hou pe da	r	Different mployés	Sex	. Ra	te of	wage
Jan. 1869	11 11 11 11	3 2 1 4	M I	\$0. 90 . 92 1. 16 1. 50	1	er day.	Jan. 187	3 1 1 1 1 1 1 1 1	1	1 3 1 2	M M M M	\$0.83 1.00 1.25 1.33	11	
Average	11	10) M	1. 17		4 44		i	1	6 2	M	1. 50	4.6	66
J uly 1869	11 11 11	1 3 1	M	. 92 1. 00 1. 25	6		Averag		_ _	16	$\frac{\mathbf{M}}{\mathbf{M}}$	2.00 1.51	~	"
	11 11 11	1 2 1	M	1.50 1.67 2.00	6	4 64	July 1873	1: 1: 1:	1	1 1 2	M M M	. 67 1. 16 1. 25	46	66 66
Average		9	-	1. 33	· 1 ·			11 11 11	l L	1 1 2	M M M	1.33 1.50 1.83	, ;; , ;;	(1 (1
Jan. 1870	11	2	M	. 92 1. 00	64	14		11		6	.M	2.00		4.6
	11 11	2	M	1. 25 1. 67	11	-	Average	1		14	М	1.63	44	"
	11 11 11	1 2 1	M M M	1.75 1.91 2.00	44	6 6 6 8	Jan. 1874	11 11 11		2 1 1	M M M	1.00 1.06 1.13	1 E	66 66 ~
Average	11	12	М	1. 431		"		. 11 . 11		4 2 6	M M M	1. 25 1. 65 1. 80	**	66 64 66
July 1870	11	1	M	. 92 1. 00	44	66	Average		-	16	м	1. 451	13	44
	11 11 11 11	1 1 2 4	M M M M	1. 10 1. 33 1. 50 1. 67	4 E	66 62 67	July 1874	11 11 11		2 2 1	M M M	1.00 1.06 1.13	66 66	66
Average	11	10	M	1. 401	66	44	1	11		2	M	1. 25 1. 50	66	66-
Jan. 1871	11	2	м	. 91	"	"		11		2	M	1. 65 1. 80	44	"
	11	1 4 4	M M M	1. 00 1. 25 1. 67	66	6.6 6.6	Average		-	14	М	1.41		44
	11	. 2 3	M	1. 75 1. 83	66	66	Jan. 1875	10 10		1 2	M M	. 77½ 1. 00	11	66
Average	11	16	М	1.47	64	"		10 10		1 7	M	1. 50 1. 631	44	14
July 1871	11 11 11	1 2 1	M M M	. 83 . 91	66	66 66	Average	10		11	м	1.43	t s	**
	11	2	M	1. 12 1. 25	66	66	July 1875	10. 10		1 2	M	. 77½ 1. 00	66	46
	11	1	M	1. 50 1. 67 1. 75	66	44	1	10 10		1 5	M	1.50 1.634	46	6 E
Awara		2	М	2. 00	"	66	Average	10		9	!_	1. 381	11	"
Jan. 1872	11	14		1.441	44	"	Jan. 1876	10 10		1 4	M M	. 90 1. 55	"	**
2012	11	1 2 1	M M M	. 83	66 66	66 66		10				1. 60	44	46
l	11	1	M	l. 00 l. 12	44		Average	,10		6	M	1. 45	44	46
	11	2	M	l. 25 l. 50 l. 67	"	"	July 1876	10 10.			M M	. 90 1. 55	"	46
/	11	1 5	M i	. 75	44	"		10		1	M	1.60	"	44
Average	11	18		. 50 <u>1</u>	**		Average	10				L. 45	64	4.
July 1872	11	2	м	. 91	14	"	Jan. 1877	10		5		. 40 -		44
	.11	1 1	M 1	. 12 . 25	44	44	Average	10						44
	11	3 3	M 1	. 83 . 50	66	11	July 1877	10			- 1	., 36		"
	ii	4			46	"		10		6	M. I	. 85 . 46 . 56	64 T4	-
Average	11	15	M 1	. 55	14	44	Average	10					44	** !}

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SECTION HANDS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Bours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1878	10 10 10	1 5 1	M M M	\$0.95 1.46 1.50 1.39½	per	day.	Jan. 1883	10 10 10 10 10	3 2 6 8	M M M M	\$1. 10 1. 30 1. 55 1. 65 1. 75	per	day.
July 1878	10 10	1 6	M M	. 95 1. 46	64	66	Average	10	20	M	1.501	64	44
	10	1	M	1, 50	44	"	July 1883	10 10	3 2	M M	1.10 1.30	14	4.6 4.6 1.6
Average Jan. 1879-	- 10 10	1	M	1.40				10 10 10	7 9 1	M M M	1.55 1.65 1.80	64	11
	10 10	14 1	M M	1.37 1.50	6 6 6 6	66 66	Average	10	22	М	1.52	44	"
	10 10	1	M	1. 60 1. 80		64	Jan. 1884	10 10	2 2	M M	1.20 1.30	66	44
Average	10	21	M	1. 421	44	64		10 10 10	5 10 1	M M M	1.55 1.65 1.80	**	64 64
July 1879	10	12	M	1. 37	11	44	Average	10	20	M	1.551	"	16
	10 10 10	5	M	1. 60 1. 80	44	44	July 1884	10	2	M.	1 20	44	"
Average	10	20	M	1. 44	- 44	44		10 10 10	3 7 9	M M M	1. 30 1. 55 1. 65	ee ee,	4 E 4 E
Jan. 1880	10 10	1	M M	1.05 1.15	**	44		10	1	M	1.80	4.6	6.6
	10 10	- 5 1	M	1.40 1.50	**	**	Average	10	22	M	1.53½ 1.20	16	**
Average	10	12	M	1. 60			Jan. 1885	10 10	3 5	M M	1.30 1.50	64	44
July 1880	10	1	м	1.05	61	44		10 10	8	M	1.65	46	64
	10 10 10	8 1	M M M	1. 15 1. 50 1. 55	6 6 6 6	64	Average	10	19	М	1.511	44	44
	10	5	M	1.60		44	July 1885	10 10	2 2	M M	1. 20 1. 30	4 E 4 E	16
Average Jan. 1881	10	2	M	1.481	16	44		10 10 10	6 9 1	M M M	1.50 1.65 1.75	11	"
	10 10 10 10	2 7 1 6	M M M M	1.15 1.50 1.55 1.60	66 66	66 66 66	Average		20	м	1. 53	44	16
Average	10	18	M	1. 44	"	**	Jan. 1886	10	2 1	M	1. 20	66	66 66
July 1881	10 10	- 1	M M	1. 05 1. 15	66	6.6		10 10 10	7 1 3	M M M	1. 45 1. 50 1. 65	44	£ 6
•	- 10 10 10	6 1 7	M M M	1.50 1.55 1.60	6 6 6 6	44 44	Average	10	7 21	M	1. 75	44	46
Average		16	M.	1. 49	. "	66	July 1886	10	2	M	1. 25	66	44
Jan. 1882	10 10 10 10 10	1 3 2 12 1	M M M M	1.05 1.25 1.65 1.65 1.70	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	66 66 66 66	day soot	10 10 10 10 10	1 7 1 3 7	M M M M M	1. 30 1. 45 1. 50 1. 65 1. 75	66 66 66 66	64 64
	10	1	M	1.90		16	Average	10	21	M	1. 55½	66	44
Average July 1882	10 10	20	M	1. 56	"	16	Jan. 1887	10 10	1 2	M M	1. 20 1. 30	66	46 .
e mry 1002	10 10 10	2 2 11-	M M M	1. 25 1. 55 1. 65 1. 75	66 66	6 6 6 6 6 6		10 10 10 10	8 5 9	M M M M	1. 45 1. 65 1. 75 1. 85	66	44
J.	10	1	M	1. 90	- 46	44	Average	<u> </u>	26	M	1.58	64	46

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SECTION :	HANDSConcluded.
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Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.
July 1887	10 10 10	1 2 7	M M M	1.30 1.45	- 11	day.	July 1889- cone'd.	10 10 10	6 5 1	M M M	\$1.50 1.75 1.85	per "	day.
	10 10 10	6 8 1	M M M	1. 65 1. 75 1. 85	64	12	Average	10	16	M	1. 54½ 1. 20	"	
Average	10	25	М	1.59	66	4.6	Jan. 1890	10 10	6	M M	1.30 1.50	"	1 t
Jan. 1888	10 10 10	1 2 8	M M M	1. 20 1. 30 1. 45	44	66 66		10	8 1	M	1.75 1.85	66	"
	10 10 10	5 9 1	M M M	1. 65 1. 75 1. 85	66	64	A.verage July 1890	10	18 1 2	M	1.59	66	44
Average		26	м	1.581		44		- 10 10 10	6 8	M M M	1.30 1.50 1.75	6 6 6 6	66 68
July 1888	10 10 10	2 2 6	M M M	1. 25 1. 30 1. 50	6 6 6 6	44	Average	10	1 18	M	1.85	44	11
	10 10	5	M	1.75 1.85	64	16	Jan. 1891	10	2	M M	1.40 1.45	"	44
Average	10	16	M	1.541		46		10 10	4 3 1	M M M	1.75 1.85 2.00	66 66	11
Jan. 1889	10 10 10	2 2 6	M M M	1. 25 1. 30 1. 50	44	45 45	Avorage	-	11	M	1, 61	46	66
	10 10	5 1	M	1. 75 1. 85	44	46	July 1891	10 10 10	2 2 3	M M M	1.40 1.45 1.75	66	66 68
Average		16	M	1.541	. 66	14		10	1 1	M M	1, 85 2, 00	44	46
July 1889	10 10	2 2	M	1. 25 1. 30	"	**	Average	. 10	9	М	1, 643	,,	"
													7

SEWERS.

July 1870 Jan. 1871 Jan. 1871 Jan. 1872 July 1872 July 1872 July 1872 Jan. 1873 July 1873 Jan. 1874 July 1874 July 1875 Jan. 1875 July 1875 July 1876 Jan. 1887 July 1878 July 1878 July 1878 July 1878 July 1878 July 1878 July 1878 July 1878 July 1878 July 1878 July 1878 July 1878 July 1879 July 1879 July 1879 July 1879 July 1879 July 1879 July 1879 July 1879 July 1880 July 1880 July 1881	11 11 11 11 11 11 11 11 11 10 10 10 10 1	4 4 4 4 5 6 4 6 6 6 6 6 6 6 6 6 6 6 6 6	**************************************	.90 .90 .90 .90 1.00 1.00 1.00 1.00 .85 .77½ .75 .75 .70 .70 .70 .65 .65 .70 .70	per :: : : : : : : : : : : : : : : : : :	day.	July 1883 Jan. 1884 July 1884 Jan. 1885 July 1885 July 1886 July 1886 July 1887 July 1887 July 1888 July 1888 July 1888 July 1889 July 1889 Jan. 1890 July 1890 Jan. 1891	10 10 10 10 10 10 10 10 10 10 10 10 10 1	84844444444	<u> </u>	.74 .74 .74 .74 .74 .78 .78 .78 .78 .78 .78 .78 .78 .78 .78	24 24 24 24 24 24 24 24 24 24 24 24 24 2	day.
Jan. 1882 July 1882	10.	3	F	.74	44	66	July 1891	10 10	1	F	.78	44	44
Jan. 1883	10	3	F	.74	4.6	44	Average	10	5	F	. 801	66	788

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued. SHEARERS.

	Ton-		i					House						=
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wage	8.
July 1870 Jan. 1871 July 1871	11 11 11	3 4 2	M M M	\$1.50 1.50 1.40	per	day.	Jan. 1884	10 10	3 1	F M	\$0. 90 1. 15		day.	
Jan. 1872	11	1	М	1. 25		44	Average	1	4		961	44	66	
	11	$-\frac{1}{2}$	M	1,50		46	July 1884	10 10	3 1	F M	. 90 1. 15	**	44	
Average	11	2	M. M	1, 37½ 1, 25	44	**	Average	10	4		. 96½	"	**	4
July 1872	11	ĩ	М	1. 33	44	44	Jan. 1885	10 10	2	F M	. 85 1. 15	14	66	
Average		3	M	1, 271	44	61	Average	10	3		. 95	66	**	
Jan. 1873 July 1873	11	1	F	1.50 1.50	46	"	July 1885	10	2	F	. 85	44	44	
Jan. 1874 July 1874	11	3	M. M.	1. 27 1. 20	66	11		10	1	_М	1. 15	44		
Jan. 1875 July 1875	10	3	M	1.09	44	46	Average	ŀ	3		. 95	44	46	
Jan. 1876	10	3	F	1.00	44	44 - 64	Jan. 1886	10	3	F M	. 85 1. 15	"	44	
Average	10	4	<u>M</u>	1.09	41	44	Average	10	4		. 92½	**	**	
July 1876	10	2	F	1.00	**	44	July 1886	10 10	1	· M	1. 15	**	66	
	10	1		1. 25			Average	10	4		. 921	**	4.6	
Average Jan. 1877	10	3 2	F	1. 08½ . 95	**	46	Jan. 1887	10 10	3	F	. 90 1. 20	66	54	
July 1877 Jan. 1878	10	3 3	F	. 95	44	6.6	Average		4		. 971		44	
July 1878 Jan., 1879	10 10	3 2	F	. 95	44	44	July 1887	10	3	FM	. 90 1. 20	66	44	
July 1879 Jan. 1880	10	3	F	.80			Average	10	, 4	IXI.	. 97		66	
521. 1000	10	1	M	. 95	. "		Jan. 1888	10	3	F	. 90		66	
Average		4		. 831	1 11			10	2	M	1. 20	٠.,		
July 1880	10 10	3 1	F M	. 85 1. 10	44		Average July 1888	1	3	F	1,02	46	46	1
Average	10	4		. 91			buly 1888	10	2	M	1. 20		4.6	
Jan. 1881	10 10	3	F M	. 85 1. 15	61		Averag	l l	5	70	1.02		44	
Average	e 10	4		. 924		44	Jan. 1889	10 10	2 2	F M	1. 20	44	44	
July 1881	10 10	3		. 85 1. 15	6		Ауегад	e 10	4		1.05	**	66	
Average	1-	4	-	. 92	· .		July 1889	10 10	· 3	F M	1. 20	44	66	
Jan. 1882	10	3		. 90	4		Averag		5		1.02		44	
А тото с	10 e 10	1 4	-	1.15	_		Jan. 1890	10 10	3 2	F M	. 90 1. 20	66	44	
Average July 1882		3	1	.90	E '	1 44	Averag	е 10	5		1.02	"	6.6	
ī	10	i		1. 15	٠		July 1890	10	3 2	F M	.90 1.20	44	44	
Average		4	1	. 96			Averag	e 10	5		1.02		**	
Jan. 1883	10 10	3		1.15			Jan. 1891			F M	. 90 1. 20	44	"	
Average	e 10	4		. 96			Averag	· -			1.02	- 46	44	
July 1883	10 10	3		. 90 1. 15			July 1891	10 10		F M	. 90 1. 20	44	"	
Average		4		. 96	·		Averag	e 10	5		. 1.02	- 46	64	

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued. SLASHER TENDERS.

Payroll of-	Hours per day.	Differen employé	Sex	. Rat	e of	wages.	Payroll of—	Hour per day.	S Differen employés		., Rat	e of	wag	ges.
Jan. 1855 July 1858 Jan. 1859	13 13 13	1	M	\$0.80 .83 .90	**		Jan. 1871	11	1 2	M M	\$1.16 2.25	Þe.	r da	у.
July 1859. Jan. 1860	13 13	3		1.08 1.08	44	6.6	Average	11	3	М	1.881	44	16.5	
July 1860	13 13	2		. 90 1. 08	44	66	July 1871	11	1 2	M	$\begin{array}{c} 1.25 \\ 2.25 \end{array}$	41	66	
Average	13	4	М	. 99	66	41	Average	11	3	M	1. 911	66	2.5	
Jan. 1861 July 1861 Jan. 1862	13 13 12	2 2 1	M M M	.90 .90 .91	46 44	44 44	Jan. 1872	11 11	1 2	M M	1. 25 2. 25	44	44	
Jan. 1863 July 1863	12 12	2	M	1.05 1.05		66	Average	11	3	M	1. 91½	46	"	
Jan. 1864	12 12	1 4	M M	1.00 1.25	44	46	July 1872	11 11	1 2	<u>М</u> М	1. 25 2. 25	**	"	
Average	12	5	M	1.20	**	6.6	Average	11	3	М	$1.91\frac{1}{2}$	**	44	
July 1864	12 12	1 2	M M	1.25 1.50	66 61	66	Jan. 1873	11 11	1 1	M M	1. 25 2. 25	44	66	
Average	12	3	M	1.413	44		Average	11	2	М	1.75	44	44	
Jan. 1865	12 12	1	M	1. 25 1. 50	16	44	July 1873	11 11	2 2	M M	1. 25 2. 25	6 6 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5	**	
Average	12	2	М-	1. 371	64	44	Average	11	4		1. 75	"	**	
July 1865	12	2	M	1. 50	44	4.0	Jan. 1874	11 11	3 2	71	1. 25	44	44	
Jan. 1866	12 12 12	1 2 3	М И	1, 16 1, 60 1, 75	11 11	6.6 6.6	Average	11	5	M	1. 90		**	
Average	12	6	M	1,60	44	46	July 1874	11 11	2 2	M M	1. 25	66	66	
July 1866	12	4	м	1.67	66	44	Average	11		M	1. 90		"	
Jan. 1867	12 12	1 2	M M	$\frac{2.00}{2.16}$	44	""	Jan. 1875 July 1875	10	2 3	M	1. 721	**	46	
Average	12	3	M	$2.10\frac{1}{2}$	44	64	Jan. 1876	10	1	м	1.60	64	44	
July 1867	12 12	$\frac{1}{2}$	M M	$\frac{2.00}{2.16}$	66	**	Average	10	- 2	M	1. 124	44	64	
Average	12	3	M	2. 101	44	64	July 1876	10	1	М	1. 60	11		
Jan. 1868	11	3	М	1.90	44	44	A	10	1	M	1. 124		44	
July 1868	11	2	М	1.72 1.90	44	11	Jan. 1877	10	2 2		1. 003		44	
Average	11	3	М	1.78	46	44	July 1877 Jan, 1878	10	1	M	1.60	4	11	
Jan. 1869	11 11	2	M	1. 72 1. 83	14	44	July 1878 Jan. 1879	10	1	М	1.60	•		
Average	11	3	М	1.751	66		Jan. 1813	10	2 4			-		
July 1869	11 11	2 2	М М .	1.83 2.00	66	14	Average	10	6	M	1, 50		14	
Average	11	4			44		July 1879	10 10	5	л Л	1.40 ' 1.55 '			
Jan. 1870	11 11	2	м	1. 87	66	11	Average	10	7	М :	l.50 <u>}</u> '		6	
Average	11	6		2.00		66	Jan. 1880	10 10	3		l. 40 ' l. 50 '			
July 1870	u l	2	- 1		44	"	Average	10	7	М	l. 44} '	. 4	4	-

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

ST.A	SHER	TENDERS.	Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of '	wages.
July 1880	10 10	3 4	M M	\$1.40 1.50	per	day.	Jan. 1886 July 1886	10 10	44	M M	\$1,60 1,60	per	day.
Average	10	7	M	$1.45\frac{1}{2}$	4.4	44	Jan. 1887	10	1	М	1.60		14
Jan. 1881	10 10	, 3	M M	1.00 1.50	11	"	Average	10	3	M	1.75	44	44
Average	10	6	M	1. 25	4.6	**							44
July 1881	10 10	3 3	M	1.00 1.50	44	6.6 6.6	July 1887	10 10	1 2	M	1.60 1.75		44
Average	10	6	М	1. 25	16	44	Average	10	3	M	1.70	**	" /"
Jan. 1882	10 10	1 3	M	1.05	"	44	Jan. 4888	10 10	1 2	M M	1.60 1.75	"	" -
Average	10	4	M	1, 461	"	6.6	Average	10	3	M	1.70	6.6	
July 1882	10 10	1 3	M M	1.05 1.60	44	11	July 1888	10 10	1 3	M M	1.50 1.65	11	46
Average	10	4	M	1. 461	**	**	Average	10	4	M	1.612	4.6	4.6
Jan. 1883	10 10	2 8	M M	1. 05 1. 55	44		Jan. 1889	10 10	1 3	M M	1.50 1.65	11	64
Average	10	5	M	1.35	4.6	44	Average	10	4	М	1.611	1.6	6.6
July 1883	10 10	2 3	M	1.05 1.55	14	66	July 1889	10 10	3 2	M	1.50 1.65	64	44
Averaĝe	10	5	M	1.35	64	4.4	Average	10"	5	М	1.56	4.6	6.6
Jan. 1884	10 10	3 1	M M	1.40 1.50	14	44	Jan. 1890	10 10	2 1	M M	1.60 1.75	14	44
Average	10	4	M	1.421	4.6	44	Average	10	3	М	1. 65	11	44
July 1884	10 10	3	M M	1.45 1.50	**	"	July 1890	10 10	2	M M	1, 60 1, 75	44	44
Average	10	4	М	1.461	46	46	Average	10	3	М	1.65	,	64
Jan. 1885	10 10	4 2	M M	1.45 1.50	11	66 66	Jan. 1891	10 10	4 2	M M	1. 60 1. 75	6 4 4 6	46
Average	10	6	M	1.461	64	64	Average	10	6	М	1.65	41	44
July 1885	10 10	3 1	M M	1. 45 1. 50	66	44	July 1891	10 10	4 2	M M	1.60 1.75	44	44
Average	10	4	М	1.461	64	44	Average	10	6	M	1.65	**	64

SPEEDERS.

Jan. 1842	13 13	2 5	F F	. 44 . 50	per	day.	Jan. 1846 July 1846	13 13	1 1	F F	. 46 . 42	per	day.
Average	13	7	F	. 481	44	**	Jan. 1847	13` 13	2 2	F	1.45 .46	44	64 64
Jan. 1843	13	3	F	.44	**	44	Average	13	4	F	. 451	"	44
July 1843	13 13 13	3 7 2	F F	. 44 . 46 . 47	11	41	July 1847	13 13	2 2	F F	. 42	"	66 64
Average	^ 13	12	F	. 451	4.6	+4	Average	13	4	F	. 44	66	44
Jan. 1844	13 13	[*] 3 7	F F	. 44 . 46	"	"	Jan. 1848	13 13	1 3	F	.46 .48	44	44
- ≜v erage	13	10	F	. 451	44	"	Average	13	4	F	.47	e.e	64

TABLE XII. -RATES OF WAGES FOR 52 YEARS-Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued. SPEEDERS—Continued.

Payroll Payr							SP	EEDEB	S-Continue	ж.					
Average 13			per	Dinerent	Sex.	Rate	of ·	wages.		per,	Dinerent	Sex.	Rate	of	wages.
Jan. 1849 13 1 F .44 " Jan. 1861 13 2 F .56 " July 1849 13 1 F .44 " Average 13 2 F .56 " Average 13 2 F .46 " July 1861 13 2 F .56 " Jan. 1850 13 2 F .46 " July 1861 13 1 F .56 " July 1850 13 1 F .48 " Jan. 1862 12 2 F .50 " July 1851 13 1 F .48 " July 1862 12 2 F .56 " July 1851 13 1 F .40 " July 1862 12 2 F .50 " July 1852 13 3 F .46 " July 1862		July 1848	13 13	2 1			per	day.	July 1860	13 13	1 3	F		pei	day.
July 1849 13	ï	Average	13	3	F	. 45½	44	44	Average	13	4	F	. 55	"	44
Average 13	ľ	Jan. 1849	13	1	l	. 44		••	Jan. 1861						
Jan. 1850 13		July 1849			F	. 44			Average	13	4	F	. 54	44	**
Jan. 1850 13 2 F .46 .4 Average 13 1 F .48 .4 Jan. 1862 12 2 F .52 .6 .6 .4 Jan. 1862 12 2 F .52 .6 .		Average	13	2	F	. 46	44	41	July 1861	13.	2	\mathbf{F}	. 52	66	44
July 1850		Jan. 1850	13	2	F	. 46	4.6	41	Awaraga						
Average 13 3 F .493 " Average 12 4 F .54 " July 1851 13 1 F .49 " July 1862 12 2 F .50 " July 1863 12 1 F .48 " July 1863 12 2 F .55 " July 1863 12 2 F .55 " July 1864 12 2 F .55 " July 1864 12 2 F .57 " " July 1852 13 3 F .40 " July 1865 12 2 F .57 " Jan. 1853 13 1 F .41 " Average 12 4 F		July 1850							~	12	2	F	. 52	44	44
Jan. 1851 13		Average	. 13	. ` 3	F	. 491	4.4	44							
Average 13		Jan. 1851	13	3	F	. 48	44	66	_		- 1	Ì			
Average 13		July 1851							July 1863	· 12	1	F F	. 48 . 48	66	46
Jan. 1852 13 3 F .45 " July 1865 12 3 F .60 " Average 13 3 F .40 " Average 12 3 F .60 " " Average 13 4 F .41½ " Average 12 5 F .63 " Jan. 1853 12 1 F .48 " Jan. 1866 12 4 F .83½ " Jan. 1853 12 1 F .48 " Jan. 1866 12 4 F .83½ " Jan. 1853 12 2 F .56 " Jan. 1866 12 4 F .83½ " Average 13 7 F .52 " Jan. 1866 11 4 F .83½ " July 1853 13 2 F .50 " Jan. 1870	!	Average	13	3	F	. 461	**	44	July 1864	12	3	F	, 57	14	14
Average 13		Jan. 1852	13	3	\mathbf{F}	. 45	r¢	46	!		_ J				
Average 13 4 F .41½ " Jan. 1856 12 4 F .83½ " " Jan. 1853 13 1 F .48 " " July 1866 12 5 F .83½ " " 13 2 F .56 " " July 1866 12 4 F .83½ " " Average 13 7 F .52 " July 1868 11 4 F .83½ " " July 1853 13 2 F .50 " " July 1868 11 4 F .83½ " " Average 13 2 F .50 " " July 1870 11 5 F .83½ " " Jan. 1854 13 2 F .50 " July 1870 11 6 F .91 " " Average 13 5 F .53½ " July 1870		July 1852								12	2	F	. 67	"	64
Jan. 1853 13		Average	13	4	F	. 41½	64	66		- 1	5	F	. 63		
Average 13		Jan. 1853		1						12			. 831 . 831	44	
Average 13			13	'2	F	. 52	6.6	44	Jan. 1867 July 1867	12 12	4 4	F	. 83 3		
Average 13 7 F .52 " July 1853 13 2 F .50 " July 1869 11 5 F .83½ " " Average 13 4 F .53 " July 1870 11 5 F .83½ " " Jan. 1854 13 2 F .52 " Average 11 2 F .100 " 11 13 F 1.00 " 11 2 F 1.16 " " 11 1 F .91 " " 11 1 F .91 " " 1 1 F .99 " " 1 1 1 F .99 " " 1 1 1 F .99 " " 1 1 1 F .99 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Jan. 1868 July 1868</td><td></td><td>- 4</td><td>F</td><td>. 831</td><td></td><td></td></t<>									Jan. 1868 July 1868		- 4	F	. 83 1		
Average 13			1						Jan. 1869		. 6	F	. 83 1		
Jan. 1854 13 2 F .53 " 11 .2 F 1.00 " Average 11 .2 F 1.16 " " Average 11 .21 F .99 " " July 1854 13 1 F .48 " " Average 11 11 1 F .91 " " Average 13 5 F .50 " Average 11 20 F 1.06½ " " July 1855 13 4 F .56 " July 1871 11 7 F 1.00 " " 11 11 F .91 " " July 1855 13 1 F .48 " Average 11 19 F 1.09 "		July 1853		2 2		. 50 . 5 6			Jan. 1870	11	. 5	F	. 83 <u>î</u>		
Average 13	ŧ	Average	13	4	F	. 53	6.6	**	3 my 1870	11	13	F	1.00	4.6	6.6
Average 13		Jan. 1854	13	2 2	F	. 52	6.6	44	Average						
July 1854 13 1 F .48 Average 11 9 F 1.06 Average 13 2 F .56 July 1871 11 20 F 1.06½ Jan. 1855 13 4 F .56 July 1871 11 *1 F .91 July 1855 13 1 F .48 Average 11 19 F 1.00 Average 13 5 F .56 Jan. 1872 11 1 F .91 Average 13 5 F .54½ Jan. 1872 11 1 F .91 July 1859 13 5 F .48 Average 11 16 F 1.10½ July 1859 13 1 F .48 Average 11 1 F .91 Average		Ауегаде							Jan. 1871				. 91		
Average 13						_						F			
Average 13 5 F .52 " " Average 11 1 F .91 " " Average 13 5 F .54½ " " Average 11 1 F .16 " " July 1858 13 5 F .48 " " Average 11 1 F 1.16 " " July 1858 13 5 F .48 " " Average 11 1 F 1.16 " " July 1858 13 5 F .48 " " Average 11 1 F .16 " " Average 11 1 F .16 " " July 1858 13 5 F .48 " " Average 11 1 F .16 " " Average 11 1 F .16 " " Average 11 1 F .16 " " July 1859 13 5 F .50 " " Average 11 1 F .91 " " July 1859 13 5 F .50 " " Average 11 1 F .91 " " July 1859 13 5 F .50 " " July 1859 13 5 F .50 " " July 1859 13 5 F .50 " " July 1859 13 5 F .50 " " July 1859 13 5 F .50 " " July 1859 13 5 F .50 " " July 1859 13 5 F .50 " " July 1859 13 5 F .50 " " July 1859 13 5 F .50 " " July 1859 13 5 F .50 " " July 1859 11 1 5 F 1.10 " " July 1859 13 5 F .50 " " July 1859 11 1 5 F 1.12 " " July 1859 13 5 F .50 ½ " " July 1859 11 15 F 1.12 " " July 1859 13 5 F .50 ½ " " July 1859 11 15 F 1.12 " " July 1859 13 5 F .50 ½ " " July 1859 11 15 F 1.12 " " July 1859 13 5 F .50 ½ " " July 1859 11 15 F 1.12 " " July 1859 13 5 F .50 ½ " " July 1859 11 15 F 1.12 " " July 1859 13 5 F .50 ½ " " July 1859 11 15 F 1.12 " " July 1859 13 5 F .50 ½ " " July 1859 11 15 F 1.12 " " July 1859 13 5 F .50 ½ " " July 1859 11 1 5 F 1.12 " " July 1859 13 5 F .50 ½ " " July 1859 11 1 5 F 1.12 " " July 1859 11 1 5 F		,	13	2	F	. 50	6.6	46	Average	11	20	F	1.061		**
Jan. 1855 13 4 F .56 " Average 11 11 F 1.16 " July 1855 13 1 F .48 " Average 11 19 F 1.09 " Average 13 5 F .54½ " Jan. 1872 11 1 F .91 " July 1858 13 5 F .48 " Average 11 16 F 1.10½ " July 1859 13 1 F .48 " July 1872 11 1 F .91 " Jan. 1860 13 5 F .50 " Jan. 1872 11 1 F .91 " Average 13 2 F .50 " Jan. 1872 11 1 F .91 " Average 13 2 F .50 " Jan. 1872 11 1 F .91 " Average 11 1 F 1.16 " Jan. 1872 11 1 F .91 " Average 13 5 F .50½	ø	Average				-			July 1871		≠ 1/7	F			
Average 13 5 F .54\frac{1}{2} \tau		Jan. 1855	13	4	F	. 56	44							44	44
Average 13 5 F .54½ " " 11	,	July 1855										1			
July 1858 13 5 F .48 " Average 11 16 F 1.10½ " July 1859 13 1 F .48 " July 1872 11 1 F .91 " " 13 2 F .50 " " 11 2 F 1.00 " " Average 13 5 F .50½ " Average 11 15 F 1.16 " Jan. 1860 13 4 F 52 " Jan. 1873 11 1 F .91 "		Average	13	5	F	. 541	* 6	4.6	0 a.a. 1012	11	4	F	1.00	16	64
July 1859 13 1 F .48 " " July 1872 11 1 F .91 " " 13 2 F .50 " " 11 2 F 1.00 " " Average 13 5 F .50½ " " Average 11 15 F 1.12 " " Jan. 1860 13 4 F 52 " " Jan. 1873 11 1 F .91 " "	,	July 1858 Jan. 1859		5		. 48			Average						
Average 13	,	July 1859	13						July 1872				. 91		
Average 13 5 F .50½ " " Average 11 15 F 1.12 " " Jan. 1860 13 / 4 F 52 " " Jan» 1873 11 1 F .91 " "				2		. 50		44							
Jan. 1860 13 / 4 E 59 Jan. 1873 11 1 F .91		Average	13	5			14	44	Average	11	15	F	1.12		"
	•	Jan. 1860	13	/ 4		_			Jan» 1873		1	F			

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SPEEDERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	e of v	veg s	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	ofv	vages.	
Jan. 1873-	11	5 .	\mathbf{F}	\$1.16	per	day.	July 1876-	10	2	F	\$0.85	per	day.	
cone'd.	11	9	\mathbf{F}	1.22	- 14	+1,	conc'd.	10	3	F	. 95		11	
	11.1	**	10	1 10	4.6		1	10	3	F	1.00	6.6	64	
Average	11	16	F	1.17		.,	Average	10	15	F	. 841		6.6	
July 1873	11	2	F	1.00	4.5	4.4	Troing.	10	13		.048			
	11	5	\mathbf{F}	1, 16	4.6		Jan. 1879	10	,	F	. 60	6.6	6.6	
	11	6	F	1. 22	4.4	6.6	Jan. 1018	10	$\frac{1}{2}$	F	. 75	4.6	64	
Average	11	13	F	1.161	66	**		10		F	. 80	4.4	6.6	
Average		13		1.105				10	1	F	. 85	66	14	
Jan. 1874	11	2	F	. 90	14	44		10 10	4 2	F	1.00	44	44	
	11	2	F	. 91	44	44		. 10			1.00			
-	11	6	F	1.00		••	Average	10	11	F	. 87	64	66	
Average	11	10	F	, 96	44	44		1			i			
_					,		July 1879	10	1	F	. 60	66	44	
July 1874	11	7	F	1.00	11	44		10	2	F	. 75	44	44	
,	11	3	H.	1.12	••	••		10 10	1	F	.80	46		
Average	11	10	F	1.03	44	44		10	3	F	. 95	64		
				1 -				10	ī	F	1.00	44	1.6	
Jan. 1875	10	3	F	. 80	66	44	4	10			0.43		6.6	
	10	2 2	E	. 85	64	66	Average	10	9	F	. 841	••		
	10	3	F	1.00	44	44	Jan. 1880	10	5	F	.70	11	4.6	
				·			11	10	3	F	1 .75	6.6	6.6	
Average	10	10	F	. 90	44	44	1	10	2	F	. 85	44	44	
July 1875	10	2	F	. 80	44	6.5		10 10	1 3	F	. 95 1. 00	44	4.6	
5 diy 1075	10	2	F	.85	44	4.5		10	4	F	1.05	*	44	
	10	2	\mathbf{F}	. 95	44	4.4	1 .							
	10	9	F	1.00	46	41	Average	10	18	F	. 861	44	44	
Average	10	15	F	. 941		**	July 1880	10	7	F	.70	4.6	4.6	
1070	- 10		***		44	44		10	3	F	.75	44	66	
Jan. 1876	10 10	2	F	. 741		44		10 10	2	F	. 85	16	11	
	10	7	ř	. 97		4.6	1	10	3	F	1,00	4.4	6.6	
	10	2	F	1.00	44	**		10	3	F	1.05	4.4	4.4	
•	10	1	F	1.043	**	44	Average	10	19	F	. 84	4.6	44	
Average	10	15	F	. 931	66	4.5	Average	10	19	I.				
	1			1 -			Jan. 1881	10	В	F	. 70	4.4	4.6	
July 1876	10	7	F	. 821	44	4.		10	3	F	. 80	44	44	
	10	2	F	1.00	•	"		10 10	1 4	F	1.00	44	44	
Average	10	9	F	. 861	"	44	1	10	4	F	1.05	4.6	6.6	
_	10	_	F	1 -	6.6	44	A	10	20	F	051	44	44	
Jan. 1877	10 10	5 2	F	. 65 . 75	66	4.	Average	10	20	T.	.851			
	10	4	\mathbf{F}	821	6.6	4.6	July 1881	10	11	F	, 70	4.6	46	
	10	1	\mathbf{F}	1,00	44	6.6		10	2	F	. 80	44	66	
	70	12	F	751	14	41		10	1 8	F	1.00	66	44	
Average	10	12	P.	.751	•	••		10		_F	1.00			
July 1877	10	5	\mathbf{F}	. 65	6.6	44	Average	10	22	\mathbf{F}	. 83	4.6	44	
-	10	2	\mathbf{F}	. 75	44	44	¥ +000			-		44	44	
	10 10	3	F	.82½	- 44		Jan. 1882	10 10	6	F	.70	44	66	
	10			1.00				10	2	F	. 85	6.6	4.6	
Average	10	14	\mathbf{F}	. 79	44	6.5		10	3	F	1.00	4.4	6.6	
	- 1	_ !		l	44	٤.	1	10	3	F	1.05	66	44	
Jan. 1878	10 10	3 1	F	.65	44	44	1	10	4	F	1, 10	••	**	
	10	il	F	.80	44	5.6	Average	10	22	F	. 90	6.6	44	
1	10	2	\mathbf{F}	. 85	44	41								
	10	4	\mathbf{F}	. 95	66	66	July 1882	10	3	F	.70	44	46	
	10	2	F	1.00	••	••	li l	10 10	7	F	. 80	44	44	
Average	10	13	F	. 84	44	46	1	10	2	F	1.00	6.6	44	
-				1			1	10	4	F	1.05	4.6	44	
July 1878	10	3	F	. 65 . 75	44	64	1 1	10	3	F	1. 10	44	**	
	10	1	1847	75	••		11						44	

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SPEEDERS—Concluded	L.
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Payroll of—	Hours per day.	Differer employé		. Rat	e of	wages!	Payroll of -	Hour per day.	Differen		Rai	e of	wages
Jan. 188	B 10 10 10 10 10		3 F 6 F 3 F 4 F	\$0.75 .80 .85 1.00 1.05	per	day.	July 1887- cone'd.	10 10 10 10		5 F 3 F 5 F	\$0. 88 . 90 1. 05 1. 15	- 11	day.
Averag	I	25		. 901	. 14	44	Average	10	3:	F	. 94	2 44	44
July 1883	10 10 10 10	29	FFF	.75 .85 1.00 1.05	64 64	44 44 44	Jan. 1888	10 10 10 10 10 10 10	. 11	FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	. 68 . 80 . 85 . 88 . 90 1. 05 1. 15	66 64 66 64	66 64 66 61 61 61
	10			_	"	44	Average	10	33	F	. 93		44
Jan. 1884	10 10 10	6 3 4 5	F	. 75 . 80 1. 00 1. 05-	11	44	July 1888	10 10 10 10 10	4 2 3 1 6	F	. 90 1. 00 1. 05 1. 10 1. 25	64 * 64 61 64	6.6 6.6 6.6
July 1884	10	6	F	.75	44	44	Average	10	16	-!	1.081	16	44
	10	4 3 7	F	1,00 1,05	44	11	Jan. 1889	10 10	. 4	F	. 90	66	66
Average	10	20	F	. 901	6.6	44		10 10	2 2 7	F	1.05 1.10	**	44
Jan. 1885	10 10	3 5 3	F	.70 .75	46	44	Average	10	17	F	1. 25	44	"
	10 10 10	3 2 7	F	. 80 1. 00	66	64	July 1889	10	5	F	. 90	",	44
Average	10	20	F	. 88	**			10 10 10	3 4	F F	1.00 1.05	66	66 60
July 1885	10 10 10	4 7 3	F	. 70 . 80 1. 00	11	14 61	Average	10	21	F	1. 10 1. 25 1. 08}	**	16
	10	7		1.05	41	4.6	Jan. 1890	10 10	5 3	F	. 90	٠.,	11
Average Jan. 1886	10	21 3	F	. 89½ . 75	14	44		10 10 10 10	1 4 7	FFF	1.02½ 1.05	64	11
ŀ	10 10 10	3 7 7	F	. 80 . 85 1. 05	64 64	66	Average	10	20	F	1. 25	41	"
Average	10	20	F	. 891	44	46	July 1890	10 10	4	F	. 90 1. 00	66	44
July 1886	10 10 10 10	3 7	FFF	. 75 . 80 . 85	64 66 64	66		10 10 10	1 3 _7	F	1. 02½ 1. 05 1. 25	11	**
Average	10	8	F	1.05 .901			Average	10	18	F	1.081	64	44
Jan. 1887	10 10 10	2 4 4	FFF	. 68 . 80 . 85	44	11	Jan. 1891	10 10 10 10	5 3 2	F F F	1. 00 1. 02½ 1. 10 1. 20	44 44 44	66 66
	10 10 10 10	5 3 8	F F	. 88 . 90 1. 05	64 64	44 44	Average	10	19	F	1. 25	44	44
Average	10	30		. 10			July 1891	10 10	5 3	F	1.00 1.021		44 44
uly 1887	10 10	2 4	F	. 68	"	46	,	10 10 10	3 2 6	F	1. 10 1. 20 1. 25	44	64 64
	10	4		. 85	4.6	"	Average	10	19	F	1.12	66	

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued. SPINNERS, FRAME.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1842	13 13 13 13 13	2 3 2 7 4	FFFF	\$0.43] .44 .45 .46 .48	per	day.	Jan. 1847	13 13 13 13 13	5 4 4 5 4	F F F	\$0, 40 . 44 . 45 . 46 . 48	per	day.
Average	13	18	F	. 451	44	44	Average	13	22	F	. 441	46	**
Jan. 1843	13 13 13 13 13 13	4 3 2 4 10 2	FFFFFF	.40 .43 .44 .45 .46 .48	66 66 66 66	44 44	July 1847	13 13 13 13 13	3 7 3 8 6	F F F	.40 .42 .44 .45 .46	66 61 61 66	44 64 44 44
Average	13	25	F	. 44}	44	44	Average	. 13	. 27	F	.44	**	**
July 1843	13 13 13 13 13	6 3 3 8 4	FFFF	. 43 . 44 . 45 . 46 . 48	66 66	16 66 66 66	Jan. 1848	13 13 13 13 13 13	1 8 5 7 3	FFFFFF	.35 .40 .42 .44 .45	44 44 44 44	66 66 66
Average	1	24	F	. 45	66	44	,	13	3	F	. 50	:	44
Jan. 1844	13 13	5 2	F	. 35	**	44	Average	13	28	F	7.44	11	" .
• .	13 13 13 13	6 6 7 2	F F F	.40 .45 .46 .50	66	66 66 66	July 1848	13 13 13 13	2 4 3 4	FFF	.35 .40 .42 .44	16	66 66
Average	a 13	28	F	. 421	44	**		13 13	1	F F	. 45	1 44	16
July 1844	13 13	3 4	F	.35	66	46		13 13	3	F	. 48	4.6	44
<i>.</i>	13 13 13 13	5	F F	.40 .45 .46	61	66 66	Average Jan. 1849	13	25 1	F	.44		"
	13	1	F	. 50	44	44		13 13	6	F	.42	66	66
Average		B3		. 431	44	44		13 13	3 7 5	F	.45	44	44 -
Jan. 1845	13 13	6	F	.40	44			13	4	F	.50	- 11	44
	13	3	F	.43	44	44	Average	13	26	F	.45		_
	13 13	10		. 46	46	**	July 1849	13 13	3 9	F	.40	11	66
Average	13	29	F	. 44	4.6	**		13 13		F	.45	"	46
July 1845	13 13	8 9		.42	66			13	_		.50	- "	4.4
	13 13	2	F	.48	**	168	Average	e 13	24	F	. 44	66	**
Average		ļ		. 45		"	Jan. 1850	13 13		F	. 37	44	44
Jan. 1846		1		.37	6.6			13 13	2	F	. 40	4.6	44
	13	- 5	F	.43	0 44			18 13		F	. 45	46	44
	13	1 8	F	.46	44			13	2	F	. 50	- "	
* Average	e 13	28	F	.44	44	44	Averag		ì		. 43	-	44
July 1846	13	9		-40	44		July 1850	13	5	F	.30		14
	13 13	4	F	.42	66		1 .	13 13	5	F	.40	66	66
	13	2	F	. 44	44			13 13	2	F	.45	64	64
	13		F	.46	44	6.6		13	3	F	. 50	- "	
Average	e 13	38	F	431	"	44	, Average	е 13	25	F	. 40	Ţ.,,	4.6

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SPINNERS, FRAME-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Diffe	erent oyés	Sex.	Rat	e of	wag	ges.
Jan. 1851	13 13 13 13	2 7 6 2	F F F	\$0.30 .40 .42 .43	66	day.	July 1854- conc'd.	13 13 13		3 1 1	F F	\$0.50 .56 .64	pe "	r da	-
	-13 13	4 2	F	.45	66	44	Average	13		17	F	. 421		**	
Average	13	23	F	. 41 1		44	Jan. 1855	13		3 2	F	.30	16	44	
July 1851	13 13 13 13	1 4 5 6 7	F F F F	. 35 . 40 . 42 . 45 . 46	46 64 64 64	66 65 44		13 13 13 13 13	×	7 2 1 3 1	FFFF	. 35 . 40 . 45 . 50 . 56 . 64	66	11	
	13 13	6	F	. 48 . 50	"	41	Average	13	,	19	F	. 421	11	44	
Average	13	30	F	. 441	**	44	July 1855	13		2	F	. 30		* *	
Jan. 1852	13 13 13 13 13 13 13	1 4 4 3 1 2 6	F F F F F	.30 .35 .40 .42 .43 .45	46 66 66 66 16 16	44 44 44 46		13 13 13 13 13 13 13		5 5 5 5 1	FFFFFFF	. 35 . 37 . 40 . 43 . 50 . 56 . 64	44 44 44 46 44	46 46 46 46	
	13 13	5	F	. 48	44	46	Average	13		25	F	. 431	44	"	
. Average	13	27	F	. 43	4.1	**	Jan. 1858	13 13		4 3	F	. 48 . 50	ķ.	11 ⁴⁸	
July 1852	13 13	2 -	F	. 30 . 35	41	1 s	Average	13		7	F	. 49	44		
	13 13 13 13 13	4 3 4 6 5	F F F F	. 40 . 42 . 45 . 46 . 48	66 66	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	July 1858	13 13 13 13 13	1	1 1 3 3	FFFFF	. 30 . 35 . 37 . 40 . 42	11 11 11	16 11 11	
Average	13	32	F	. 411	44	66		13		1	F	. 43	66	ü	
Jan. 1853	13 13 13 13 13	5 3 5 1 2 2	FFFF	. 30 . 35 . 37 . 40 . 45	44 41 41 41	44 44 44		13 13 13 13 13	/	5 7 4 3 2	F F F F	. 46 . 48 . 50 . 56 . 64	44 44 44	66	
`	13 13	5	F	.46	44	16	Average	13		32	F	$46\frac{1}{2}$	**	41	
Average	13	27	$\frac{\mathbf{F}}{\mathbf{F}_{\bullet}}$. 41	41	"	Jan. 1859	13 13 13 13	r	3 5	F F F	.36 .38 .40	6 6 6 6 6 6 6 6	66 66 66	
July 1853	13 13 13	1 4 2	F F	. 30 . 35 . 40	11	66		13		5 6 2	F	. 46 . 50 . 64	11	14	-
	13 13 13	10	F	. 48	44	61	Average	13		24	F	. 45	"	14	
Average	13	22	F F	. 56	11 .	44	July 1859	13 13 13		3	F F	. 40	14	66 66	
Jan. 1854	13	8	F	. 40		44		13 13		6	F F	. 46 . 56		64	
	13 13	2 3	F	. 45	"	11		13			F	. 56		**	
	13 13	1 2	F	. 50	66	11	Jan. 1860	13	:	- 1	F	. 40			
Average	13	2	F	. 64	14	tt.	, 5 3311. 1000	13 13		6	F	.40	44	46 46	•
July 1854	13	18	F	. *!		"		13		5	F	. 45		 	
my 1604	13 13 13	3	F	. 35	**	66 63 61	-	13 13 13		6 4	F E F	. 50		:: 14 66	
'	13	2			44	**	Average	13	2	28	F	. 471	14	• 4	

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued. SPINNERS, FRANE—Continued.

				SI INDEES, FIGA	ī						
Payroll of -	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	vages.
July 1860	13 13 13 13	2 3 6 3	FFF	\$0.30 per day. .38 " " .40 " "	Jan. 1864	12 12 12 12 12	8 5 8	F F F	\$0.50 .54 .56 .60	per	day.
	13 13 13 13	1 4 1 1	FFF	.48 ** ** .50 ** ** .56 ** **	Average	1	24	F	54	"	"
Average		21	F	.431 " "	July 1864	. 12 12 12	10 7	F F	.55 .56 .58	61	6 6 6 6
Jan. 1861	13 13 13	1 1	FF	.30 " "		12 12	2 2	F	. 60	"	66
	13 13	3 I 1 3	F	.40 " "	Average	12	25	F	. 571	**	
	13 13 13 13 13	5 1 1 5	FFFF	. 45 " " "	Jan. 1865	12 12 12 12 12 12	3 5 12 7 1	FFF	.50 .55 .56 .58 .60	65 66 64	66
	13 13	3	F	. 67 " "	Average	12	28	F	. 56	6 5-	**
Average July 1861	13 13 13	26 2 1	F	.30 " " "	July 1865	*12 12 12	1 2 14	F	. 45 . 50 . 56	66	14
	13 13 13 13	1 6	F F F	.38 44 44 44 44 44 44 44 44 44 44 44 44 44		12 12 12 12 12 12	1 4 3 4	FFFF	. 60 . 64 . 67 . 72	66 66 61	44 44 44
	13 13 13 13	3 7 2 3 2 2	F	.46 44 .50 44 44 .58 44 44 .67 44 44	Average	12	34	F	.74	et.	",
Average		29	F	.45 " "	Jan. 1866	12	16	F	. 83	64	44
Jan. 1862	12 12 12	1 2 1	F F	.36 " " " .38 " " "		12 12 12	3 5 10	F	. 96 1. 00	11	46
	12 12	4 2	F	.43 " "	Average		34	F	. 90½	44	66
•	12 12 12 12	12 2 2 4	F	.50 " " " .52 " " " .56 " " " " " " " " " " " " " " " " " " "	July 1866	12 12 12	12 16	F F	. 67 . 83 1. 00	66	11
Average	12	30	F	.481 " "	Average	12	31 19	F	. 90		14
July 18 62	12 12	6	F	.43 11 11	Jan. 1867	12	16	F	1.00	"	44
	12 12	9	F F	.46 " " " .48 " " " .50 " " "	Average	12	35	F	. 91	11	**
	12 12 12	4 1 3	F	.58 44 44	July 1867	12 12 12 12	11 1 19	F	. 83 . 87 1. 00	66 66	**
Average	12	25	F	.481 " "	Average		33	F	. 92		44
Jan. 1863	12 12 12 12 12	5 - 4 4	FFF	.40 ** ** ** .43 ** ** .45 ** ** .50 ** ** .56 ** **	Jan. 1868	11 11 11	19 9 6	F F	. 75 . 83 . 93	66 66	6 6 6 6
Average	12	23	F	.46	Average		34	F	. 803	44	
July 1863	12 12 12 12 12 12	6 4 5 4 6	FFFF	.40 44 44 .43 44 44 .45 44 44 .56 44 44	July 1868	11 11 11 11 11 11	11 3 14 3 6 2	FFFFF	.75 .78 .83 .92 .93 .96	66 66 66	66 66 66 66
A.verage	12	25	F	.47 " "	Average	- 11	39	F	. 831		**

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SPINNERS, FRAME-Continued.

Payroll of-	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.		
Jan. 1869	11 11 11 11 11	9 4 19 4 8	F F F	\$0.75 per day. .78 " " .83 " " .92 " "	Fan. 1873	11 11 11 11	2 6 18 16	F F F	\$0.75 .83 .91 1.00	per "	day.
	ii	4	F	1.00 - " "	Average	11	1 2	F	. 921	44	44
Average	11	48	F	. 85 " "	July 1873	11 11	3 8	F.	. 67	"	44
July 1869	11 11 11	5 4 5 4	F F F	.67 " " " .75 " "		11 11 11	22 17 1	F	.91 1,00 1.33	**	44 44 64
	11 11 11	6 1	F	1, 25 " "	Average	11	51	F	. 92	44	**
	11	11	F	1.67	Jan. 1874	11 11	7 16	F	.75	**	44
Average Jan. 1870	11 11 11 11 11	36 2 2 6 9	F F F F	1.06± " " .67 " " .70 " " .83 " " .93 " "		11 11 11 11 11	5 1 11 5 3 6	4 4 4 4 4 4	.87 .91 1.00 1.25 1.50 1.67	64 66 66 66 64 TE	66 66 61 61 64
	11 11	5 5	F	1.00 " "	Average	11	54	F	1.031	6.6	**
1	11 11	1 8	F	1. 33 " " " 1. 67 " "	July 1874	11	12	F	. 75		**
Average	11	38	F	1.07 " "		11 11 11	15 8 3	F F	. 85 . 95 1, 00	46	-64
July 1870	11 11 11 11	10 3 15 1	T T	.67 " " .75 " " .83 " " 1.40 " "		11 11 11	1 1 1	F F	1. 25 1. 40 1. 50	66	66
	11	11	F	1.67 " "	Average	11	41	F	. 89	64	4.6
Average	11	40	F	1.03 " "	Jan. 1875	10 10	9 3	F	. 50	64	**
Jan. 1871	11 11 11 11	6 16 1 9	F F F	.75 " " "		10 10 10 10	5 5 3 9	F F F F	.73½ .80 .91 .94½	16	44 44 44
Average	11	32	F	1.03 ""		10 10	8	F	1.00	66	
July 1871	11 11 11	2 4 3	F F	.67 " " .75 " " .83 " "	Average	10	45	F	1.60	"	16
	11 11 11 11	7 5 5 4	FFFF	1.00 " " " 1.50 " " 1.67 " "	July 1875	10 10 10 10 10	7 4 6 4	FFFFF	.50 .60 .731 .80	11 11	44 44 44
Average	11	30	F	1.09 " "		10 10	4 3 6	F	$94\frac{1}{2}$		66
Jan. 1872	11 11	2 5	F	.67 " "		10	2 7 1	F	1.50 1.60	11	66
	11 11	3.3	F	.87 " "	Average	10	40	F	. 90	44	44
	11 11 11 11	5 3 5 6 4 6	F F F	1.00 " " 1.50 " " 1.67 " "	Jan. 1876	10 10 10 10	4 5 5 3	F F F	. 55 . 65 . 70	44 44	66 66 66
Average	11	34	Œ	1.101 "		10 10	1 5	F	. 95 1. 00	44	44
July 1872	11 11	2 2	F	.70 " "		10 10	3	F	1, 25 1, 35		46
	11	7 4	F	.83 " "	Average	10	28,	F	. 84		4.6
	11 11 11	2 7 4 5 8	F	1.00 " " 1.50 " "	July 1876	10 10 10 10	3 7 4 3	FFF	.55 .65 .70	66 66 66	66 66 64

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SPINNERS, FRAME—Continued.

Payroll of—	Hours per day.	Different employés.	Sox.	Rate of wages.	Payroll of—	Hours per day,	Different employés.	Sex.	Rate of wages.		
July 1876– conc'd.	10 10 10	4 2 3	F F	\$1.00 per day. 1.25 """ 1.35 """	Jan. 1880	10 10 10 10	6 4 3 6	F F F	\$0.55 .65 .85	**	day.
Average	10	27	F	.841 '' ''		10 10	6	F	. 95 1. 05	66	4.6
Jan. 1877	10 10 10	2 3 2 3	F F F	.50 " " .65 " " .67½ " "		10 10 10	8 5 4	F F F	1. 25 1. 30 1. 45	61 64	44
	10 10	2	F	.75 " "	Average	10	44	F	1.01	44	44
	10 10 10 10	1 6 2 3	F	1.00 " " 1.15 " " 1.30 " "	July 1880	10 10 10	6 4 5	F F	. 55 . 65 . 85	66 66	"
Average	10	24	F	.871 " "		10 10	6 2	F	. 90	+ 6	44
July 1877	10 10 10 10	5 7 1 3 1	FFF	.50		10 10 10 10 10 10	1 6 6 5 3	FFFFFF	1.00 1,05 1.25 1.30 1.45 1.50	6.6 6.6 6.6 6.6 6.6	66
	10 10	8 3	F	1.00 " " " 1.15 " " " 1.15 " " " 1.15 " " " 1.15 " " " 1.15 " " " 1.15 " 1.15 " " 1.15 " 1.15 " " 1.15 " " 1.15 " 1.15 " " 1.15 " " 1.15 " " 1.15 " " 1.15 " 1.15 " " 1.15 " 1.15 " 1.15 " 1.15 " 1.15 " 1	Average	10	45	F	. 99		44
Average	10	32	F	.86 " "	Jan. 1881	10 10 10	5 5 8	F F F	. 60 . 65 . 90	"	
Jan. 1878	10 10 10 10 10 10 10	4 7 3 1 1 7	FFFFFFF	.50 " " "		10. 10 10 10 10 10 10	, 6 1 6 7 4 4	FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	. 95 1. 00 1. 05 1. 25 1. 30 1. 45 1. 50	66	66 66 66 66 66
i	10 10	2 4	F	1.30 " "	Average	10	47	F	1.011	6.6	
Average July 1878	10 10 10 10 10 10 10 10 10	31 6 7 3 1 1 6 4 3 7	T FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	.92½ " " .50 " " .65 " " .80 " " .90 " " .10 " " 1.15 " " 1.30 " "	July 1881	10 10 10 10 10 10 10 10 10 10	7 5 8 6 1 5 8 5 5	44444444	. 60 . 65 . 90 . 95 1. 00 1. 05 1. 25 1. 30 1. 45 1. 50	64 64 64 66 66 64 64 64 64 64 64 64 64 6	66 · · · · · · · · · · · · · · · · · ·
Average		35	F	. 95 " "	Average	10	51	F	1.011	6.6	44
Tan: 1879	10 10 10 10 10 10 10 10 10	3 4 2 4 3 5 5 3 4 1 2	111111111111	.65 .67 .85 .90 .92 1.00 1.25 1.30 1.45 1.50	Jan. 1882	10 10 10 10 10 10 10 10 10	5 4 3 4 4 6 6 7 4 1	PHPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	.65 .70 .90 .95 1.00 1.35 1.35 1.45 1.55	66 66 66 66 66 64 64	66 61 64 64 64 64 66
Average	10	31	F	1.001 " "	Average	10	44	F	1.08	4.6	44
July 1879	10 10 10 10 10 10 10 10	4 5 2 6 2 7 4 3 1 3		65 " " 67 " " 685 " " " 690 " " " 692 " " 1.00 " " 1.25 " " 1.45 " " 1.50 " " 1.50 " " 1.50 " " " 1.50 " " " 1.50 " " " 1.50 " " " 1.50 " " " 1.50 " " " 1.50 " " " 1.50 " " " " 1.50 " " " " " 1.50 " " " " " 1.50 " " " " " " 1.50 " " " " " " 1.50 " " " " " " 1.50 " " " " " " " 1.50 " " " " " " " " 1.50 " " " " " " " " " " " " " " " " " " "	July 1882	10 10 10 10 10 10 10	3345584 <u>6</u> 63	4 5555555	.65 .70 .90 .95 1.00 1.05 1.30 1.35 1.45	66 66 66 66 66 66 66 66	44 46 46 46 46 44 46 44
Average	10	37	F		Average	10	45	F	1.091	64	

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SPINNERS, FRAME—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of	wages
Jan. 1883	10 10	4 4	F	\$0.60 .70	per	day.	Jan. 1886-	10 10	7 9	F F	\$0.95 1.00	per	day.
	10		F	.90	44	66	cone'd.	10	4	F	1. 25	44	
	10	1 5 9	F	. 95	66	**		10	6	F	1.30	44	44
	10 10	10	F	1.00	11	61		10 10	4 5	F	1.35	66	"
	10	5 2	F	1.30	44	44		40	5	F	1.40 1.55	66	44
/	10	2	F	1.35	44	44		10	2	\mathbf{F}	1.65	66	44
	10 10	4 1	F	1.45 1.55		44	Average	10	66	F	1.05	"	6.6
Average	10	45	F	1.04	44	44	July 1886	10	4	F	. 60	66	"
July 1883	10	5	F	. 60	66	44		10 10	9 7	F	.70	44	
	10	5	F	. 70	6.6	44		10		\mathbf{F}	. 80	4 4	4.4
	10	5	F	. 90	44	66		10	5 2 9	F	. 90	44	66
	10 10	11 12	F	. 95 1. 00	66	66		10 10	9 0	F	. 95 1. 00	44	11
	10	11	F	1.05	66	44		10	6	F F	1. 25	4.4	**
	10	5 2	F	1.30	66	44		10	6 7 7	F	1.30	66	44
	10 10	3	F	1.35 1.45	- 14	- 44]	10 10	6	F	1, 35 1, 40	46	46
	10	ĭ	F	1,55	44	4.6		10	4	F	1.55	66	44
Average	10	60	F	1.00	66		,	10	2	F	1. 65		**
Jan. 1884	10	4	F	. 60	46	44	Average	10	77	F	1.051	+4	••
	10	3	F	. 70	44	44	Jan. 1887	10	4	F	. 60	4.6	66
	10 10	9 16	F	. 95 1. 00	44	4.6		10 10	6	F	. 65	. 44	44
	10		F	1. 25	-"	6.4	1	10	4 2	F	.75		44
	10	6	F	1. 25 1. 30	44	6.6		10	6	F	1.00	11	66
	10 10	2 4	F	1. 35	6.6	44		10	1	F	1.15	**	44
		*		1. 45				10 10	1 9 4	F	1. 25 1. 30	. 66	
Average	10	- 48	F	1.05	14	46	ľ	10 10	7 7	F	1. 35 1. 45	6 6 6 E	66 /
July 1884	10	3	F	. 60	64	66		10	7	F	1.55	6.6	44
	10 10	2 7	F	. 70	46	46		10	3	F	1.65	44	11
	10	12	F	1.00	"	44	Average	10	57	F	1. 16	4.	66
	10	3	F	1.25	44	44				-			
	10 10	3 7 1	F	1.30 1.35	14	14	July 1887	10	4	F	. 60	66	11
	10	3	F	1.45	14	66		10 10	7 3	F	. 65 . 75	6.6	14
Average	10	38	F	1.061	"	66		10 10 10	- 3 6	F F	.90 1.00	11	44
U				-			ll (10	1	F	1.15	6.6	64
Jan. 1885	10	5	F	. 60	44	44	li I	10	6	F F	1.25	43	46
	10 10	3 8	F	.70	17	66	li l	10 10	3	표	1.30 1.35		44
	10	12	F	1.00	66	66		10	3 7	F	1.45	14	14
	10	2 8	F	1.25	66	48		10 10	6	F	1.55	44	44
	10 10	3	F F	1.30 1.35	**	4.6		10	5	F	1.65	44	**
	îŏ	3 2	F	1. 45	66	44	Average	10	53	F	1. 151	44	46
Average	10	43	F	1.03½	"	64	Jan. 1888	10	5 5	F	.60	44	44
July 1885	10	4	F	. 60	11	46		10 10	5	F	. 65 . 75	8.8	44
	10	1	F	.70	44	66	<u> </u>	10	8	F	. 95	44	44
	10 10	10 17	F	.95 1.00	66	16	<u> </u>	10	. 7	- Fr	1.00	44	46
1	10	5	F	1.25	64	8.5		10 10	1	E.	1. 15 1. 25	46	4
	10	9	F	1.30	64	44		10	, 7 1 7 5	F F	1. 30	66	64
41/ 5	10 10	2 3	F	1.35 1.45	44	44	l i	10	7	\mathbf{F}	1.35	44	15
	ļ					44		10 10	6	F	1. 45 1. 55	**	44
Average	10	51	F	1.07	"	"		10	7	F	1.65		
Jan. 1886	10 10	8	F	. 60	66	66	Average	10	62	F	1. 17	11	46
	10 10	6 4	F	. 75 . 80	66	46	July 1888	10 10	2	F	. 60	44	44 44
	10	2	F	.90	64	44	14 1	10	3 6	F	. 65 . 80 -	116	- 64

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS-Continued.

SPINNERS, FRAME—Concluded.

Payroll of—	Hours per day.	Different employés.	8ex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages
Tuly 1888-	10	6	F	\$1.00	ner	day.	Jan. 1890	10	6	F	\$1.35		
conc'd.	10	4	F	1. 05	per	ii.	conc'd.	10	5	F	1.40	per	day.
oone a.	10	1	F	1. 15	4.6	4.6	Conc d.	10	4	F	1.50		66
	10	$\bar{2}$	F	1. 25	6.6	64	il I	ĺΰ	ī	F	1.55	16	46
	10	6	F	1.30		4.6	11	10	2	F	1.70	66	6.6
	10	10	F	1.35	1.6	4.6	}			_=	1. 10		
	10	5	F	1.40	4.6	6.6	Average	10	55	F	1.174	66	4.6
	10	7	F	1,50	4.6	4.6	11. oraș	10	"		1.1.7		
	10	4	F	1, 65	4.6	6.6	July 1890	10	1	F	. 60	6.4	4.6
							0 1113 1000	10	7	F	. 80	44	6.6
Average	10	56	F	1. 20	4.			10	5	F	. 85	44	
			-					10	. 5 8	F	1. 20	44	4.1
Jan. 1889	10	3	F	, 60	4.4	6.6		10	5	F	1. 25	1.1	44
	10	4	F	. 65	6.6	4.6	1	10	5	F	1.30	1.1	4.4
	10	5	F	. 80	6.6	2.5		10	6	F	1.35	4.6	44
1	10	3	F	. 85	6.6	£ 4	1	10	5	F	1, 40	4.6	44
i	10	5	F	1.00	4.6	4.4	!	10 ·	4	F	1.50	4.6	4.6
1	- 10	4	F	1.05		6.6		10	î	F	1.55	4.4	4.4
	10	1	F	1, 15	6.4	f e		10	3	F	1.70	4.6	6.6
. 1	10	8	F	1.25	4.4	£ £	11				1110		
	10	9	F	1.35	4.6	1.6	Average	10 ·	50	F	1.21	6.4	6.6
1	10	9	F	1.40	4.6	4.6					2.42		
I	10	7	F	1.50	4.6	ı t	Jan. 1891	10	2	F	. 70	6.6	6.6
-	10	2	F	1.65	4.6	£ 6		10	3	F	.80	6.6	4.4
1				!			1.	10	4	F	1.90	4.6	4.6
Average	10	60	F	1. 161	6.6	4.6		10	10	F	1.00	4.4	4.4
								10	ı "i l	F	1.05	6.4	61
July 1889	10	2	F	. 60	6.6	6.4	il l	10	11	F	1. 25	1.6	4.6
	10	2	F	. 65	4.4	46	11	10	6	F	1.35	6.6	6.4
1	10	4	F	. 80		4.4		10	4	$\hat{\mathbf{F}}$	1.40	6.6	6.6
	10	4	F	. 85	4.6	6.6		10	5	F	1.50	4.6	6.6
	10	6	F	1.00	4.6	4.4	li l	10	3	F	1.55	6.6	6.6
	10	6	F	1.05	6.6	4.4		10	4	F	1.65		£ 6
	10 -	1	F	1.05 1.15	6.6	2.6							
	10	7	F	1. 25	££	"	Average	10	53	F	1. 22	"	4.6
1	10	7	F	1.35	6.6	4.6							
	10	4	F	1,40	6.6	ii	July 1891	10	4	F	. 70		
	10	8	F	1.50	64	4+		10	5	F	. 80	6.6	4.6
	10	3	F	1.65	4.6	4.6	il l	10	5	F	. 90	6.6	1.1
ļ.				!				10	11	F	1.00	11	1.1
Average	10	54	F	1.17	٠٠,	**		10.	1	F	1.05	1.1	6.6
_								10	11	F	1.25	1.6	4.6
Jan. 1890	10	2	F	. 60	4.6	66	li l	10	6	F	1.35	1.6	f t
	10	6	F	. 80	**	4.4		10	9	F	1.40	"	6.6
	10	6	F	. 85	6.6	i 6		10	7	F	1.50	1.6	6.6
1	10	4	F	1.00	4.6	4.6		10	3	F	1.55	11	6.6
1	10	8	F	1.20	4.6	41	l'	10	3	F	1.65	"	"
l,	10	6	F	1. 25	4.4	4.6	l						
	10	5	F	1, 30	44	6.6	Average	10	65	F	1. 20		
	+					SPO	DLERS.			•			
	10	3	F	371	per	day.	Jan. 1868	11	7	F	. 42	per	day.
Tan. 1863	12			. 371	6.5	44		1,1	6	F	. 62	44	
Tuly 1863	12	3	F			4.4					l		
July 1863 Jan. 1864	12 12	3 6	F		1.0								4.4
July 1863 Jan. 1864 July 1864	12 12 12	3 6 6	F	$37\frac{1}{2}$. 42	6.6	4.6	Average	11	13	F	. 51		
July 1863 Jan. 1864 July 1864 Jan. 1865	12 12 12 12	3 6 6 5	F F	. 37½ . 42 . 42	* *	44							
July 1863 Jan. 1864 July 1864 Jan. 1865	12 12 12	3 6 6	F	$37\frac{1}{2}$. 42	6.6	4.6	July 1868	11	11	F	. 48	"	"
July 1863 Jan. 1864 July 1864 Jan. 1865 July 1865	12 12 12 12 12	3 6 6 5 12	F F F	. 37½ . 42 . 42 . 42	66	46							11
July 1863 Jan. 1864 July 1864 Jan. 1865 July 1865	12 12 12 12 12 12	3 6 6 5 12	F F	. 37½ . 42 . 42 . 42 . 42	"	44 44	July 1868 Jan. 1869	11 11	11 12	F F	. 48	"	46
Fuly 1863 Fan. 1864 Fuly 1864 Fan. 1865 Fuly 1865	12 12 12 12 12	3 6 6 5 12	F F F	. 37½ . 42 . 42 . 42	66	46	July 1868	11 11	11 12 5	F F	. 48 . 67	"	46
July 1863 Jan. 1864 July 1864 Jan. 1865 July 1865 Jan. 1866	12 12 12 12 12 12 12	3 6 5 12 6 8	F F	. 37½ . 42 . 42 . 42 . 42 . 42 . 44	66 66	4.6 4.6 4.1 4.6	July 1868 Jan. 1869	11 11 11 11	11 12 5 8	F F	. 48 . 67 . 48 . 67	66 66	44 44
July 1863 Jan. 1864 July 1864 Jan. 1865 July 1865	12 12 12 12 12 12	3 6 6 5 12	F F	. 37½ . 42 . 42 . 42 . 42	"	44 44	July 1868 Jan. 1869	11 11	11 12 5	F F	. 48 . 67	"	46
July 1863 Jan. 1864 July 1864 Jan. 1865 July 1865 Jan. 1866 Average	12 12 12 12 12 12 12 12	3 6 6 5 12 6 8	F F	. 37½ . 42 . 42 . 42 . 42 . 40 . 44	66 66 66	66 66 41 66	July 1868 Jan. 1869	11 11 11 11	11 12 5 8	F F	. 48 . 67 . 48 . 67	66 66	46
Jan. 1863 July 1863 July 1864 July 1864 Jan. 1865 July 1865 Jan. 1866 Average	12 12 12 12 12 12 12	3 6 5 12 6 8	F F	. 37½ . 42 . 42 . 42 . 42 . 42 . 44	66 66	4.6 4.6 4.1 4.6	July 1868 Jan. 1869 July 1869	11 11 11 11 11	11 12 5 8 3	F F F	. 48 . 67 . 48 . 67 . 83	66 66 66	46 86 86
July 1863 Jan. 1864 Jan. 1865 July 1865 July 1865 July 1866 Average July 1866	12 12 12 12 12 12 12 12 12 12 12	3 6 6 5 12 6 8 14	F F F F	. 37½ . 42 . 42 . 42 . 40 . 44 . 42½	66 66 66 66 66	66 66 61 66 66 66	July 1868 Jan. 1869 July 1869 Average Jan. 1870	11 11 11 11 11 11	11 12 5 8 3 16	F F F	. 48 . 67 . 48 . 67 . 83 . 64	66 66 66 66	66 66 85
July 1863 Jan. 1864 July 1864 Jan. 1865 July 1865 Jan. 1866	12 12 12 12 12 12 12 12 12	3 6 6 5 12 6 8 14 8	F F F	. 37½ . 42 . 42 . 42 . 42 . 40 . 44 . 42½	44 44 44 44 44 44	66 66 61 66 61	July 1868 Jan. 1869 July 1869 Average	11 11 11 11 11 11 11	11 12 5 8 3 16 6	F F F F	. 48 . 67 . 48 . 67 . 83 . 64 . 83	64 66 66 10	66 65 65 65
July 1863 Jan. 1864 July 1864 Jan. 1865 July 1865 Jan. 1866 Average	12 12 12 12 12 12 12 12 12 12 12	3 6 6 5 12 6 8 14	F F F F	. 37½ . 42 . 42 . 42 . 40 . 44 . 42½	66 66 66 66 66	66 66 61 66 66 66	July 1868 Jan. 1869 July 1869 Average Jan. 1870	11 11 11 11 11 11 11	11 12 5 8 3. 16 6	F F F F	. 48 . 67 . 48 . 67 . 83 . 64 . 83 . 50 . 67	66 66 66 66 66 66	66 66 68 68
July 1863 1864 July 1864 July 1865 July 1865 July 1865 July 1866 Average July 1866 Average	12 12 12 12 12 12 12 12 12 12 12	3 6 6 5 12 6 8 14 8 12 20	F F F F	. 37½ . 42 . 42 . 42 . 42 . 44 . 42½ . 44 . 42½ . 41	66 66 66 66 66 66	66 66 61 61 61 61 61	July 1868 Jan. 1869 July 1869 Average Jan. 1870	11 11 11 11 11 11 11	11 12 5 8 3 16 6	F F F F	. 48 . 67 . 48 . 67 . 83 . 64 . 83	66 66 66 70 66 66 66 66 66 66 66 66 66 66 66 66 66	46 66 65 65 64 65
uly 1863 an. 1864 uly 1864 an. 1865 uly 1865 an. 1866 Average uly 1866	12 12 12 12 12 12 12 12 12 12 12	3 6 6 5 12 6 8 14	F F F	. 37½ . 42 . 42 . 42 . 40 . 44 . 42½	66 66 66 66 66	66 66 61 66 66 66	July 1868 Jan. 1869 July 1869 Average Jan. 1870	11 11 11 11 11 11 11	11 12 5 8 3. 16 6	F F F F	. 48 . 67 . 48 . 67 . 83 . 64 . 83 . 50 . 67	66 66 66 70 66 66 66 66 66 66 66 66 66 66 66 66 66	46 66 66 68 68 68

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SPOOLERS-Continued.

									1				
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.		Rate	of w	ages.
Jan. 1871	11 11 11	4 B 2	F F	\$0.50 .62 .75	per	day.	Jan. 1879	10 10	5 7	F	\$0. 80 . 90		day.
Average	11	14_	F	. 603	44	44	Average	10	12	F	. 86	**	4.6
July 1871	11	5	F	. 50	4.6	44	July 1879	10 10	5 7	F	. 80	66	"
	11	6 2	F	. 62	44	44	Average	10	12	F	. 86	**	44
Average	11	. 13	ŕ	. 591	66	44	Jan. 1880	10 10	4 12	F	. 90 1. 00	66	66 66
Jau. 1872	11 11	° 2	F	. 62	66	"	Average	10	16	F	. 971	"	£16
Average	11	7	F	. 77	44	66	July 1880	10	4	F	. 90	66	66
July 1872	11 11	3 6	F F	. 62	44	**	Average	10	12	F	. 971	44	
Average	11	9	F	. 76	44	44	Jan. 1881	10	6	F	. 95	44	44
Jan. 1873	11	2	F	. 62	44 66	66		10	8	F	1.00	66	"
	111	6 5	F	. 83	44	"	Average	10	14	F	. 98	"	15
Average	H	13	F	. 85	44	44	July 1881	10 10	6 8	F	. 95 _. 1. 90	•	
July 1873	11 11	2 6	F	. 67	44	11	Average	10	14	F	. 98		4.6
	11	5	F	1.00	64	66	Jan. 1882	10 10	6 8	F	- 80 - 95	44	66
▲ Average	11	13	F	. 87	- 66	45		10	6	F	1. 05	44	14
Jan. 1874	11	4 7	F	. 83	66	6 E	Average	10	20	F	. 931	11	**
Average	11	11	F	.88	44	4.6	July 1882	10 10 10	7 7 6	F F	. 80 . 95 1. 05	66 66	44
July 1874	11 11	4 5	F	. 67	66 66 a	44	Average	10	20		. 924	"	
	11	6	F	.91	. 4	4.6	Jan. 1883	10	7	E	. 75	**	46
Average	11	15	F	.82	64	44	1000	10 10	3 13	F	. 90 1. 05	66	46
Jan. 1875	10 10	9	F	. 66½ . 91	**	**	Average	10	23	F	. 94	5 14	44
$\mathbf{A}\mathbf{\hat{v}erage}$	10	13	F	. 831	6.6	**	July 1883	10 10	9	F	. 75 . 90	44	64 68
July 1875	10 10	4 8	F F	. 66½ . 91	**	66 64		10	11	F	1. 05	44	"
Average	10	12	F	. 83	44	44	Average	10	24	F	. 911	**	46
Jan. 1876	10	4	F	. 624	44	66	Jan. 1884	10 10	5	F	. 75	46 46	16
A	10	4	F	. 80	"	44		10 10	6 14	F	. 95 1. 00	81	66
Average	10	8	F	.713	44	44	Average	10	29	F	. 931	66	**
July 1876	10	4	F	. 621 . 80	44	**	July 1884	10	6	F	. 75	11	"
Average	· 10	8	F	. 711	44	64		10 10 10	5 5 - 12	F F	. 90 . 95 1. 00	46	"
Jan. 1877 July 1877	10 10	7 7	F	.80	44	46	Average	10	28	F	. 92		44
Jan. 1878	10 10	2	F F	.70 .90	64 64	44	Jan. 1885	10 10	7 3	F	.75	££	41
Average	10	6	F	. 831	44	**		10 10	7 13	F F	. 95 1. 00	44	46
July 1878	10 10	2 5	F	. 80	66	44	Average	10	30	ŕ	, 92	**	41
Average	10	7	F'	. 87	44	44	July 1885	10 10	8	F	. 75 . 90	44	44

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

SPOOLERS-Concluded.

Payroll of—	Hours per day	Different employés.	Sex.	Rate	of w	aues.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1885- cone'd.	10 10	8 11	F	\$0.95 1.00	per	day.	Jan. 1889	10 10 10	3 5 3	FFF	\$0.75 .80 .90	per	day.
Average	10	31	F	. 91,	g t	"		10 10	4 3	F	1.00 1.20	44	44
Jan. 1886	10 10 10 10	4 7 8 2	FFF	. 75 . 80 . 90 1, 00	4.6 4.6 4.6	ri .:	Averago	10	18	F	. 92	44	44
Average	10	21	F	, 85	11	ιι	July 1889	10 10 10 10	2 3 5 3	F	. 75 . 80 . 90 1. 00	66 64 64	66 64 64
July 1886	10 10 10 10	5 8 7 3	FFF	.75 .80 .90 1.00	66	6 6 6 6 6 6	Average	10	17	F	1.20	44	**
Average Jan. 1887	10	23	F	. 841	"	11	Jan. 1890	10 10 10	8 5 7	F F F	.70	11	14 14
	10 10 10	6 9 5	F F	. 80 . 90 1. 05	"	64 64	Average	10	21	F	1.00		44
Average July 1887	10 10 10 10 10	24 3 7 9 5	FF	. 75 . 80 . 90 1. 05	66 66 61	44 44 44	July 1890	10 10 10 10	9 8 1 2	F F F F	. 70 . 80 . 95 ! 1. 00	66 66	66 66 66
Average	١	24	F	. 881	14	**	Average	10	20	F	. 78½	6.6	46
Jan. 1888	10 10 10 10	5 6 8	F F F	. 75 . 80 . 90 1. 05	66	11 11	Jan. 1891	10 10 10 10	8 6 8 7	F F F	.70 .80 .90 1.00	64 66 66	66 66 66
Average	10	24	F	.87	**	44	Average	10	29	F	. 85	"	4.6
July 1888	10 10 10 10 10	2 4 4 4 2	F F F	.75 .80 .90 1,00 1,20	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	11 1 11 1	July 1891	10 10 10 10	9 7 6 8	F F F	.70 ,80 .90 1.00	61	16
Average	10	16	F	. 92		4.6	Average	10	30	F	. 841	44	"
	<u> </u>	J	<u> </u>	<u> </u>	_	STAM	PERS.	1	1	<u> </u>	1		

STAMPERS.

	,						11						
July 1871 Jan. 1872 July 1872	11 11 11	2 3 2	M M M	1. 25 1. 40 1. 50	per	day.	Jan. 1881	10 10	1 1	M M	1. 05 1. 10	per	day.
Jan. 1873	11	2	M	1.50		6.6	Average	10	2	M	1.071	6.6	44
Jul y 1873	11 11	1 2	M M	1. 25 1. 50	"	16	July 1881	10 10	1 1	M M	1.05 1.10	**	44
Average	11	3	M	1.41	66	66	Average	10	2	M	1.071	6.6	6.6
Jan. 1874 July 1874	11 11	3 2	M M	1. 27 1. 27	14	61 64	Jan. 1882	10 10	1 1	M	1.05 1.25	44	46
Jan. 1875 July 1875	10 10	2 2	M	1. 15½ 1. 15½	44		Average	10	2	M	1. 15	t t	**
Jan. 1876 July 1876 Jan. 1877	10 10	8 4 2	M M M	$ \begin{array}{c c} 1.15\frac{1}{2} \\ 1.15\frac{1}{2} \end{array} $		66 66	July 1882	10 10	1 1	M M	1.20 1.25	14	44
July 1877 Jan. 1878	10 10	2 3	M	1.00	61	45	Average	10	2	M	1. 22½	4.6	66
July 1878 Jan. 1879 July 1879	10 10 10	2 2 2	M M M	1.00 1.00 1.00	46	44	Jan. 1883	10 10	1 1	M	1.20 1.25	44	66 64
Jan. 1880 July 1880	10 10	2 2	M M	1.00 1.10	44	66	Average	10	2	м	1. 221	66	14

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued

					ST.	AMPER	S—Conçlude	d.					
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex	Rate	of	wages.
J uly 1883	10 10	. 1	M M	\$1.20 1.25	per	day.	Jan. 1888	10 10	1	M M	\$1.05 1.27	per	day.
Average	10	2	М	1. 22½	11	44	Average	10	2	M	1. 16	66	**
Jan. 1884	10 10	1 1	M M	1. 20 1. 25	11	"	July 1888	10 10	1 1	M M	1.05 1.27	"	48
\mathbf{A} verage	10	2	M	1. 22½	6.6	14	Average	10	2	M	1.16	44	"
July 1884	10	. 2	M	1. 20	4.6	44	Jan. 1889	10	1	M	1.05	44	44
Jan. 1885	10 10	, 1 1	M M	$\frac{1.00}{1.20}$	**	"	Average	10	2	M M	1. 27	44	16
Average	10	2	М	1. 10	66	46	July 1889	10	1	М	1.05	"	44
July 1885	10 10	1	M M	$\frac{1.00}{1.20}$	16	66	Average	10	1 2	M	1. 27	44	**
Average	10	2	М	1. 10	66	**	Jan. 1890	10.	2	м	1.05	44	"
Jan. 1886	10 10	1 1	M M	1. 00 1. 20	"	44	Average	10	3	M	1. 27	**	**
Average	10	3	М	$1.06\frac{1}{2}$	66	44	July 1890	10	2	M .	1.05	46	tt.
July 1886	10 10	$\begin{bmatrix} 2 \\ 1 \end{bmatrix}$	M	1.00 1.20	44	44		10	1	M	1. 27	66	"
Average	10	3	М	1.061	44	44	Average	10	3	M	$1.12\frac{1}{2}$	**	_ 44
Jan. 1887	10 10	1	M M	1. 05 1. 27	"	64 61	Jan. 1891	10 10	1 1	M M	1. 05 1. 27	44	66 64
Average	10	2	M	1.16	4.6	"	Average	10	2	М	1. 16	"	44
July 1887	10 10	1	M M	1.05 1.27	44	66 46	July 1891	10 10	1 1	M	1.05 1.27	"	"
Average	10	2	М	1. 16	16	44	Average	10	2	М	1.16	"	66
						TINS	MITUS.					_	
Jan. 1874 July 1874 Jan. 1875 Jan. 1875 July 1875 July 1875 July 1876 July 1876 July 1877 Jan. 1878 Jan. 1879 July 1879 July 1880 July 1880 July 1881 Jan. 1881 July 1881 July 1881 July 1881	11 11 10 10 10 10 10 10 10 10 10 10 10 1	111111111111111111111111111111111111111	M M M M M M M M M M M M M	2. 87½ 2. 87½ 2. 50 2. 50 2. 50 2. 50 2. 50 2. 20 2. 20 2. 20 2. 25	16 16 16 16 16 16 16 16 16 16 16 16 16 1	tay. 44 44 44 44 44 44 44 44	Jan. 1883 July 1883 Jan. 1884 July 1885 July 1885 Jan. 1886 July 1885 Jan. 1886 July 1886 Jan. 1887 Jan. 1888 Jan. 1888 Jan. 1888 Jan. 1889 July 1888 Jan. 1890 July 1889 Jan. 1890 July 1890	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M M M M	2. 25 2. 25 2. 25 2. 25 2. 25 2. 25 2. 25		8.y.
						TRIM	MERS.			!_			
July 1870 Jan. 1871 July 1871 Jan. 1872 July 1872	11 11 11 11 11	8 15 15 16 16	F F F	.90 pe	٠ ١ .	ay.	Jan. 1873 July 1873 Jan. 1874 July 1874 July 1874 Jan. 1875	11 11 11 11 11 10	12 6 6	F F F F	. 90 pe . 90 . 81 . 81 . 73		3 y .

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

TRIMMERS-Concluded.

Payroli of—	Hours per day.	Difforent employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
July 1875 Jan. 1876	10 10	6 7	F	\$0.73\ per day.	July 1888	10 10	5 1	F F	\$0.75 j	per	day.
July 1876 Jan. 1877 July 1877	10 10 10	3 3 5	F	.70 " "	Average	10	6	F	. 771	"	46
Jan. 1878 July 1878 Jan. 1879	10 10 10	5 5 4	F	.70 " " " .65 " "	Jan. 1889	10 10	9 2	F	.75	44	"
July 1879 Jan. 1880	10 10 10	6 6 5	F	.65 " "	Average	10	11	F	. 77	44	66
July 1880 Jan. 1881 July 1881	10 10	6 5	F	.70 " "	July 1889	10 10	8 1	F F	. 75 . 85	"	46
Jan. 1882 July 1882 Jan. 1883	10 10 10	3 3 3	F F	.73 " " " .73 " " " .73 " " " " " " " " " " " " " " " " " " "	Average	10	9	F	. 76	٠.	. "
July 1883 Jan. 1884 July 1884	10 10 10	2 3 5	FF	.73 " " " .73 " " " .73 " " " " " " " " " " " " " " " " " " "	Jan. 1890	10 10	7	F F	.75	44	44
Jan. 1885 July 1885 Jan. 1886	10 10 10	3 3 5	F	.73 " "	Average	10	8	F	. 77	ıı	41
July 1886.	10	5	F	.73 " "	July 1890	10 10	7	F F	. 75 . 90	14	66 66
Jan. 1887	10 10	3 1	F	.80 " "	Average	10	8	F	. 77	44	**
Average July 1887	10 10	4	F	.76½ 4.	Jan. 1891	10 10	8 1	F F	.75	46	44
-	10	1 5	F	.80 " "	Average		9	F	, 761	14	"
Average Jan. 1888	10	7	F	.75 . "	July 1891	10	7	F	.75	46	16
Average	10	1	F	.77 " "	Average	10	1 8	F	. 90	"	46

WARPERS.

July 1842	13 13	3 4	F F	.48 per day.	Jan. 1850	13 13	4 1	F F	.58 per day.
Average	13	7	F	.51 " "	' Average	13	5	F	. 581 " "
Jan. 1845 July 1845	13 13	1 3	F F	.50 44 44	July 1850	13 13	3 1	F	.48 " "
Jan. 1846 July 1846 Jan. 1847	13 13 13	3 3 4	F F	.50 44 44 .52 44 .53	Average	13	4	F	. 49½ · · · · ·
July 1847	13	4	F	.52 " "	Jan. 1851	13 13	1 2	F	.48 " "
Jan. 1848	13 13	1 2	F	.60 " "	A.verage	13	3	F	.521 " "
Average	13	3	F	. 571 " "	July 1851	13 13	1	F	.48 " "
July 1848	13 13	1 2	F	.52 " "		13	î	_F	.60 " "
Average	13	3	F	.57½ " " "	Average	13 13	3 2	F F	.551 " "
Jan. 1849	13 13	1 2	F	.52 " " "	Jan. 1852	13 13	ĩ	F F	.48 " "
Average	13	3	F	. 571 " "	Average	13	4	F	. 461 ** **
July 1849	13 13	$\frac{1}{2}$	F	.52 " "	July 1852	13 13	3	F	.42 ** ** ** .48 ** **
Average	13	3	F	.571 "	l i	13 13	6 1	F	.55 " "

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

WARPERS Continued.

-					77.21		Continue						,
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
July 1852- conc'd.	13 13	2	F	\$0, 60 . 65	per	day.	Jan. 1862	12 12	5 2	F	\$0.40 .65	per	day.
Average	13	14	F	. 53 ½	64	64	Average	12	7	F	. 47	4.6	, ii
Jan. 1853	13 13 13	3 2 1	F F	. 42 . 48 . 65	66	44	July 1862	12 12 12	1 2 2	F F F	.40 .50 .55	**	44 44 44
Average	13	6	F	.48	1.6	4.6	Average	12	5	F	. 50	46	66
July 1853	13 13	4 2	F	. 42 . 72	64	"	Jan. 1863 July 1863 Jan. 1864	12 12 12	1 1 2	T T	. 40 . 40 . 56	61 61	64 46 46
Average	13	6	F	, 52	16	44	July 1864 Jan. 1865	12 12	1	F	. 65	44	66
Jan. 1854	13 13 13 13	3 2 1 1	F F F	. 42 . 48 . 65 . 72	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	66 61 64	July 1865	12 12 12	1	F F	. 58 . 58 1. 10		44
Average	13	7	F	- 12 51½	4.6	64	Average	12	2	F	. 84		**
July 1854	13 13 13	2 3 2	F	. 48 . 60 . 72	66	"	Jan. 1866	12 12 12	1 2 1	F F	. 65 . 76 . 96	66 66	44 44
Average	13	7	F	. 60	66	44	Average	12	4	F	. 781	66	41
Jan. 1855	13 13 13 13	2 1 1 2	FFF	. 42 . 48 . 60	11	66	July 1866 Jan. 1867 July 1867 Jan. 1868 July 1868	12 12 12 11	1 2 2 2 2 3	F F F F	. 93 1. 00 1. 12 1. 12	46 66 66	66 45 46 44
Average	13	6	F	. 56	44	44	Jan. 1869	11	1	F	. 70		
July 1855	13	8	F	. 55		"	Jun. 1000	11	i	F	1. 12	66	44
July 1858	13 13	4 3	F	. 50	44	11 '	Average	11 11	2	F	. 91	44	"
Average	13	7	F	. 52	44	64	July 1869 Jan. 1870	11	3 1	F	. 83	66	"
Jan. 1859	13 13 13	1 4 2	F F	. 55	44	66	Average	11	1 2	F F	.911	66	44
Average	13	7	F	. 58	"		July 1870	11	2	F	. 83		14
July 1859	13 13 13	4 1 1	F	. 50 . 55 . 65	- 66 66	66 66	Jan. 1871	11 11	1 2	F	1.00 1.12	. 64	"
Average	-13	6	F	. 531	14	44	Average	1,1	3	F	1.08	···	46
Jan. 1860	13 13 13	2 3 1	F F	. 55 . 58 . 72	64 64 64	46 46 46	July 1871 Jan. 1872 July 1872	11 11 11	2 2 2	F F	1. 12 1. 12 1. 12	66 66 66	64 66 66
Average	13	6	F	. 59½	44	44	Jan. 1873	11	1	F	. 83	6.6	44 44
July 1860	13 13	3	F	. 65 . 72	6 6 6 4	64 66	A wore ~	11	3	F	1. 00	**	"
Average	13	6	F	. 68½	16	**	Average	11	6	F	1.03		
Jan. 1861	13 13 13	1 3 3	F F	. 42 . 65 . 72	46 46	16 66 66	July 1873	11 11	1 3	F	. 91 1. 16	44	14
Average	13	7	F	. 641	44	46	Average	11	4	F	1.09½	14	44
July 1861	13 13 13	3 2	F	. 58	66	44	Jan. 1874	11	1	F	. 85 1, 00	44	44
Average	13	6	F	. 72	**	46	Average July 1874	11	5	F F	. 88	46	44
				_			, -0.2		- ·	-			

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued. WARPERS -Concluded.

Payroll of—	Hours per µay.	Different employés.	Sex.	Rate	of v	vages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of ·	wages.
Jan. 1875	10 10	5 1	F	\$0. 84 <u>1</u> 1. 00	per	day.	July 1884	10 10	2 2	F F	\$0, 80 . 90	per	day.
Average	10	6	F	. 87	6.6	66	Average	10	4	F	. 85	44	4.6
July 1875	10 10	6	F F	.84½ 1.00	44	66	Jan. 1885	10 10	3 1	F F	. 80	14	11
Average	10	7	F	. 861	14	44	Average	10	4	F	. 82½		64
Jan. 1876 July 1876	10 10	2 2 2	F F	. 87½ . 87½	44	46 41 44	July 1885	10 10	2 2	F	.80	11	44
Jan. 1877 July 1877	10 10	2	F	. 85 . 85	16	44	Average	10	4	F	. 85		4.6
Jan. 1878 July 1878	10 10	2 2	F	.85	14	44	Jan. 1886	10 10	3 2	F F	. 80	44	"
Jan. 1879	10 10	3	F	. 75 . 92½	14	64	Average	10	5	F	. 86	66	44
Average		4	F	. 791	64	44	July 1886	10 10	2 3	F	. 80	66	44
July 1879	10 10	3	F.	.75 .921	**	44	Average	10	5	F	. 89		44
Average	10	4	F	. 791	**	**	Jan. 1887	10 10	3 2	F F	. 80	11	14
Jan. 1880	10 10	2 2	F	. 80	41	66	Average	10	5	F	. 85		**
Average	10	4	F	. 87	44	**	July 1887	10 10	3 2	F	. 80 . 95	11	44
July 1880	10 10	2 2	F	. 80	44	66	Average	10	5	F	. 86		44
Average	10	4	F	. 87	46	44	Jan. 1888	10 10	3 2	F	. 80	11	**
Jan. 1881	10 10	1 3	F	. 80	66	44	Avbrage		5	F	. 86		"
Average	10	4	F	. 914		44	July 1888	10 10	4 2	F	. 90 1. 00	11	**
July 1881	10	I 3	F	. 80	44	44	Average	1	6	F	. 931		"
Average	10	4	F	. 91	41	44	Jan. 1889	10 10	2	F	. 90 1. 00		
Jan. 1882	10 10	14	F	. 85 . 95	"	44	Average July 1889	10	6	F	. 93 1	"	**
Average		5	F	. 93		4.6	July 1000	10	2	F	1.00		4.6
	1		-				Average	10	6	F	. 931		4.4
July 1882	10 10	1 4	F	. 85 . 95	**	46	Jan. 1890	10 10	2 4	F	1.00 1,10	11	
Average	10	5	F	. 93	41	46	Average	10	6	F	1, 06	. "	44
Jan. 1883	10 10	3 3	F	. 85 . 95	66	66	July 1890	10 10	3	F	1.00 1.10		
Average	10	6	F	.90	44	44	Average	10	6	F	1.05		
July 1883	10 10	3	F	. 85 . 95	44	46	Jan. 1891	10 10	6 5	F.	1.00 1.10	66	
Average	10	6	F	. 90	**	44	Average	10	11	F	1.04	• "	66
Jan. 1884	- 10 10	2	F F	. 80	44	44	July 1891	10 10	6 5	F	1. 00 1. 10	\$1 41	
Average	10	3	F	. 83	"	**	Average	10	11	F	1.04		14

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued. WATCHMEN.

Payroll of-	Hours per day	Different employés.		Rate	of	wages	Payroll of	Hours per day	Different employés	Sex.	Rate	o o í	wages.
July 1842	12 12 12	2 3 1	M M M	\$0.833 92 1.17			Jan. 1851 July 1851 Jan. 1852 July 1852	12 12 12 12 12	5 5 5 5	M M M M	\$0. 831 . 831 . 831 . 83	. 6	66
Average Jan. 1843	12 12 12	6	M M M	. 933		6.6	Jan. 1853	12	2	M.	. 75	66	44
Average	_	1 	M	1.16			Avorono	12	4	_ <u>M</u>	. 83	66	"
July 1843	12 12 12 12 12	·2 3 1	M M M	. 75 . 831 . 95	66	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	July 1858 Jan. 1859 July 1859 July 1859 Jan. 1860	12 12 12 12 12	14 15 15 14	M M M M	. 80½ . 83 . 83 . 83	" "	44 - 44 - 44 - 45
Average	12	7	М	. 881	4.6	44	July 1860 Jan. 1861	12 12	14 14	M	. 86	66	16
Jan. 1844	12 12	5 1	M M	. 83½ 1. 25	66	44	July 1861 Jan. 1862 July 1862	12 12 12	14 14 13	M M M	. 86 . 86	6 6 6 6	44
Average	12	6	M	. 90½	"	44	Jan. 1863 July 1863	12 12	13 13	M	. 86	66	44
July 1844	12 12	5 1	M M	. 83½ 1. 50	44	64	Jan. 1864 July 1864 Jan. 1865	12 12 12	15 14 15	M M M	1. 00 1. 25 1. 25	66 66	66 66
Average	12	6	' M	. 94½	"		July 1865 Jan. 1866	12 12	14 16	M	1. 25 1. 50	11	66
Jam. 1845	·12	6 1	M M	. 83 1 1. 50	66	44	July 1866 Jan. 1867 July 1867	12 12 12	15 15 15	M M M	1. 50 1. 50 1. 50	64 66 46	66 66
Average	12	7	М	. 93	1.6	41	Jan. 1868 July 1868	12 12	20 15	M	1. 50 1. 50	6.6	46
July 1845	12 12 12	1 4 1	M M M	. 83 . 833 1. 75	64 64	66 61	Jan. 1869 July 1869 Jan. 1870	12 12 12	18 15 18	M M M	1. 50 1. 50 1. 50	"	44
Average	12	6	M	. 981	"	44	July 1870 Jan. 1871	12 12	15 15	MM	1.50 1.50	66	44
Jan. 1846	12 12 12 12 12	1 1 3 1	M M M M	. 83½ . 91 1. 16 1. 75	64 66 61	61 61 66 64	July 1871 Jan. 1872 July 1872 Jan. 1873 July 1873 July 1874	12 12 12 12 12 12 12	15 15 16 15 14	M M M	1. 50 1. 50 1. 50 1. 50 1. 50	64 64 66	66 66 66 64
Average	12	6	М	1. 16½	* *	4.6	July 1874 Jan. 1875	12 12	14 14	M	1.50 1.50	44	46
July 1846	12 12 12 12 12 12	3 2 1 1	M M M M	$ \begin{array}{c} 83 \\ .83 \\ .91 \\ 1.16 \\ 1.75 \end{array} $	14 14 14 14 14	11 11 11	July 1875 Jan. 1876 July 1876 Jan. 1877 July 1877	12 12 12 12 12 12	15 15 14 11 12 12	M M M	1. 50 1. 50 1. 44 1. 40 1. 30 1. 30	61 11 66 66	64 64 64 66
Average	12	8	М	. 991	4.4	44	Jan. 1878	12	5	M	1. 30	64	61
Jan. 1847	12 12 12	3 2 1 1	M M M	. 83 . 83 <u>1</u> . 91	6 6 6 6	41 11 44	Average	12	11	-	1. 38 1. 34½	"	16
	12 12	1	M M	1.16 1.75	6.6	"	July 1878	12 12	5		1.30	11	44
Average	12	8	М	. 991	4 6	**	Average	12	10	—	1, 38		44
July 1847 Jan. 1848 July 1848 Jan. 1849	12 12 12 12 12	6 6 5 4	M M M M	. 831 . 831 . 831 . 831	66 66	66 64 64	Jan. 1879	12 12	2 7	м	1. 20	41	44
July 1849	12 12	5	M	. 83½ 1. 00	66	"	Average	12,	9	м	1.24		
Average	12	6	M	. 861	4.6	11	July 1879	12 12				44	6
Jan. 1850	12	1	M	. 83 <u>i</u>		66	Average -	12				66	61
July 1850	12 12	1 6	М	. 83 . 83½	11	64 66	Jan. 1880	12 12	_ [M 1	_	4	16
Average	12 (7	<u>М</u> :[-	. 831	66		Average	12			·	g.i	

RATES OF WAGES.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

WATCHMEN-Concluded.

Payroll of	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
July 1880	12 12	4 5	M M	\$1.20 1.30	per	day.	July 1880	12 12	5 1	M M	\$1.26 1.32	per	day.
Average	12	9	М	1. 251	6.4	44	Average	12	6	M	1. 27	66	44
Jan. 1881	12 12	5 4	M M	1. 20 1. 30	6 6 6 6	66	Jan. 1887 July 1887	12 12	4 6	M M	1. 28½ 1. 28½	44	**
Average	12	9	M	1.241	44	41	Jan. 1888	12	3	M	1. 20	44	**
July 1881	12 12	4 5	M M	1, 20 1, 30	66	11	Average	12	5 8	M. M	1. 28§ 1. 25§	64	64
Average	12	9	М	1. 251	44	"	July 1888	12 12	3 5	M M	1.20 1.284	44	44
Jan. 1882	12 12	5 4	М М	1.32 1.33	44	66	Average	12	8	M	1. 25	"	46
Average	12	9	M	1.343	4.6	14	Jan. 1889	12 12	4	M M	1. 281	**	44
July 1882	12 12	5 4	M M	1.32 1.38	44	**	Average	12	5		1. 56		" ,
Average	12	9	M	1.341	66	44	July 1889	12	4	M	1. 281	44	66
Jan. 1883	$\begin{array}{c} 12 \\ 12 \end{array}$	5 4	M M	1.32 1.38	41	44	Average	12	5	M	1. 56	"	14
Average	12	9	M	1.341	**	**	Jan. 1890	12	3	М	1. 20	44	44
July 1883	12 12	5 4	M M	1.32 1.38	66 66	"		12 12	1	M M.	1. 28½ 1. 57	66	44
Average	12	9	M	1. 341	44	**	Average	12	8	M	1. 29	44	44
Jan. 1884	12 12	5 3	M M	1.32 1.38	6 6 6 8	44	July 1890	12 12 12	3 4 1	M M M	1. 20 1. 28 1. 57	44	66 66
Average	12	8	М	1, 341	**	66	Average	12	8	М	1. 29	44	**
July 1884	12 12	3 5	M M	1.32 1.38	66	64 64 1	Jan. 1891	12 12 12	3 4	M M M	1, 20 1, 28½ 1, 56	66	66
Average	12	8	M	1.351	* *	44							-
Jan. 1885 July 1885	12 12	5 5	M	1.26 1.26	66	66	Average	12	8	M	1. 281	4.4	**
Jan. 1886	12 12	4 2	M M	1. 26 1. 32	11	64 66	July 1891	12 12 12	3 4 1	M M M	1. 20 1. 28½ 1. 56	14	44
Average	12	6	М	1. 28	44	er.	Average	12	8	м	1. 281	44	46

WEAVERS.

July 1842	13 13	8 6 2 1	F	. 33 . 37½	- 11	day.	Jan. 1843- conc'd.	13 13	6 4	F	. 83	per	day.
	13 13	$\frac{2}{1}$	F	.38	66	44	Average	13	37	F	. 52	44	44
	13 13	3 5 9	F	.50	66	44				· .			
	13 13	1	F	.60	14	44	July 1843	13 13	5 5 9 8	F	. 30	44	44
	13 13	4 5	F	. 83	46	65		13 12	5 9	F	. 371	4.6	44
	13	2	F	1, 25	**	**	Ì	13 13	3	F	. 83 1. 00	44	66
Average		41	F	. 61	44	44		13 13	4 1	F	1.16 1.25	66	44
Jan. 1843	13 13	4 4 8	F	.30	44	66	Average	13	38	F	, 63 ₁	46	44
	13 13	8 4 3	F	. 37½ . 40	16	44							
	13 12	3	F	. 48	44	44	Jan. 1844	13 13	4	F	.30	48	44

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS-Continued.

WEAVERS-Continued.

	day.	Different employés.		Rate	of	wages.	Payroll of—	Hours per day.	Different employes		Rate	of v	vages
Jan. 1844– cone'd.	13 13	6 7	F	\$0.37\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	••	day.	Jan. 1849	13 13 13	12 2 7	F F	\$0. 37 <u>}</u> . 40 . 42	per "	day.
Average	13	~ 21	F	. 381	44	' 11		13 13	2 2	F	· 44 · 71	66	66
July 1844	13 13 13	3 7 7	F	.30 .35 .374	16 66	44	Average	13	25	F	. 42	ιι	**
	13	9	F	. 46	41	41	July 1849	13 13	6 3	F	. 37½ . 40	44	66
Average	13	' 26	F	. 39	44	44	Į	13 13	5 2	F	. 42	**	44
Jan. 1845	13 13 13	$\begin{smallmatrix}4\\12\\2\end{smallmatrix}$	F F	. 37½ . 46 . 50	66 66	66		13 13	9 3	F	.48	46	66
Average	13	18	F	. 441		* *	Average	13	28	F	. 46	44	4.6
July 1845	13 13 13	2 8 5	F F	. $37\frac{1}{2}$. 40 . 46	44 46	66 68	Jan. 1850	13 13 13 13	12 5 2 4	F F F	. 371 . 40 . 42 . 44	66 66	66 66
. `	13	4	F	. 50	6.6	6.6	_	13	3	F	.71	44	**
≜ verage	13	19	F	. 431	6.6	64	Average	13	26	F	. 43	46	**
Jan. 1846	13 13 13 13	6 11 3 1	F F F	$37\frac{1}{2}$ 40 44 46	44 44	6 8 6 8 6 8	July 1850	13 13 13 13	3 3 8	F F F	. 37½ . 40 . 42 . 44	66 66 66	66 64 64
Average	13	21	F	.40	46	44		13 13	5	F	. 48 . 71	- 44	14
July 1846	13 13	6 5	F	$.37\frac{1}{2}$ $.40$	"	44	Average	13	21	F	. 441	44	"
	13 13 13	1 2	F F F	. 42 . 46 . 50	66 65	16 16	Јап. 1851	13 13 13	2 2 3	F F	. 37½ . 42 . 44	44 11	66 66
Average	13	17	F	. 41	44	44		13 13	7 7	F	. 48	"	44
Jan. 1847	13 13	4 7	F	.371	64 66	66	Average	13	21	F	. 461	**	44
	13 13 13	1. 1 1	F	. 40 . 46 . 50 . 71	"	46	July 1851	13 13 13	4 4 1	F F	.30 .37½ .44	44	66 86 61
Average	13	14	F	. 421	46	16		13	1	F	.48	"	44
July 1847	13 13 13	3	F	. 37½ . 40	11	66 66	Average Jan. 1852	13 13	10	F F	. 36	**	44
	13	4	F	. 42	44	**	[13 13	5 7 3	F	, 35 , 37 1	66	41
	13 13	3 1	F	$\frac{.48}{.71}$	66	44	1	13 13	3 4	F	. 40	66	14
Average	13	20	F	. 431	66	"		13 13	4 3 1	F	. 46 . 50	66 66	46 46
Jan. 1848	13 13	3	F	. 35 . 37‡	44	46	Average	13	25	F	. 67	"	44
	13 13	5 7	F	. 42	44	44	July 1852	13	2	F	. 30	46	44
	13 13	3 2	F	. 48 . 71	44	14	, , , , , ,	13 13	4	F	.35 .37	44	44
Average	13	23	F	. 441	65	44		13 13	5 7 2 2 2	F	. 40 . 42	16	44
July 1848	13	2	F	. 35	**	46		13	2	F	.46	4.6	44
	13 13 13	7 2 8	F	$37\frac{1}{2}$ 40	64	44		13 13	1	F F	. 48 . 50 . 67	44	6 6 6 6
	13 13 13	В	F	.42	44 44	44	Average	13	26	F	.401	44	**
1	13	5 2 34	F F	.48	44	44	Jan. 1853	13	1 3	F	. 30	46	46 66

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS-Continued.

WEAVERS-Continued.

Payroll(Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1853 conc'd.	13 13 13 13	3 3 2 4	F F F	\$0.40 .46 .60	per "	day.	Jan. 1859– conc'd.	13 13 13	2 7 7	F F	. 67	44	day.
Average	13	20		.46	44	44	Average	13	25	F	. 51	44	14
July 1853	13 13 13 13 13	1 6 2 6 10	FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	. 35 . 40 . 46 . 48 . 50	64 64 64 66 66	64 66 66 46 68	July 1859	13 13 13 13 13 13	1 1 5 4 8 6	FFFFF	.35 .40 .42 .50 .60	66 66 66	44 44 44 44
	13	1	F	. 67	44		Average	13	25	F	. 541	66	44
Average		30	F	.49	44	44	Jan. 1860	13 13 13	2 1 3	F	. 30 . 35 . 40	44	46 46
Jan. 1854	13 13 13 13 13	1 3 6 2 4	FFF	.30 .35 .37½ .40	44 64 64	66 68 68 66		13 13 13 13	6 4 2 1	F	.42 .50 .67 .75	44 44 44	45 46 44
	13	3 2	F	.48	14	4.5	Average	13	19	F	. 46	14	44
Average July 1854	13	5 26 1	F	. 67	**	44	July 1860	13 13 13 18 13	1 1 8 2 3	FFFF	.35 .37½ .42 .50	64 64 64 64	14
o any soos	13 13	1 1 4	F	. 371	64. 64.	**	Average	13	15	F	.47	"	44
	13 13 13 13 13 13 13	2 1 7 2 2 2 1	FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	. 42 . 46 . 48 . 50 . 60 . 67 . 75	66 66 66 66	66 64 66 64	Jan. 1861	13 13 13 13 13 13	1 2 7 1 5 5	FFFFFFFFFF	.30 .37½ .42 .48 .50 .60	66 66 66	64 61 66 66 66 64
Average	13	22	F	.50	44	44	Average	13	25	F	. 50]		84
Jan. 1855	13 13 13 13 13 13 13 13 13	2 3 6 2 2 2 4 4 1	7	-30 .371 .40 .42 .46 .48 .50 .60	46 46 46 44 44 46 46	66 66 66 66 66 66	July 1861	13 13 13 13 13 13 13 13	1 2 1 5 2 2 2 2	FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	.30 .35 .37 .42 .48 .50 .67	14 14 14 14 14 14	46 46 46 46 46 46 46 46 46 46 46 46 46 4
Average	13	27	F	. 46	16	44	Average	e 13	16	F	. 47	44	44
Jan. 1858	13 13 13	2	F	. 50 . 60 . 67 . 75	4 6 6 6 6 4	66 66 46	Jan. 1862	12 12 12 12	1 4	F	. 30 . 37 . 42 . 48	; ;; ;; ;;	64 65 66 66
Average			F	. 61	44	44		12 12	5		. 67 . 75	"	"
July 1858	13 13 13 13 13 13 13	2 4 5 2 5 4 4 1	F F F F	. 30 . 371 . 40 . 42 . 48 . 50 . 60 . 67 . 75	14 2 44 44 44 44	66 66 64 65 65 66 46 44	Averag July 1862		2 1 2 5 1 4	FFFFFF	. 51 . 30 . 35 . 37 . 42 . 48 . 50 . 67	66 64 9 66 9 66 64 64	64 64 64 64
Average	١.		1	. 50	` "	**	Averag	e 12	19	F	. 47		
Jan. 1859	13 13 13	1	F	.40	64		Jan. 1863	12			. 45	44	

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued. WEAVERS—Continued.

Payroll of	Hours per day.	Different employés.	Sex.	Rate	of	waiges.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of	wages.
Jan. 1863 - conc'd.	12 12	6 2	F	\$0. 60 . 67	per	day.	July 1867- cone'd.	12 12	2 3	F	\$1. 12 1. 25	per	day,
Average	12	21	F	. 54	l t		Average	12	26	F	. 901	44	**
July 1863	12 12 12 12 12	3 10 7 3 23	FFF	. 45 . 50 . 60 . 67	66	46 65 66 48	Jan. 1868	11 11 11 11 11 11	2 4 2 5 7 2 3	FFFFFFF	. 50 . 75 . 83 . 92 1. 00 1. 12 1. 25	66 66 64 66	66 66 66 66 65
Jan. 1864	12 12 12 12 12 12 12	3 5 5 1 4	FFFFFFF	. 45 . 50 . 60 . 67 . 70 . 75	6 6 6 6 6 6 6 6 6 6	44 44 44 44	Average July 1868	11 11 11 11 11	25 , 3 9 3 5	F F F F	. 93 . 50 . 75 . 83 . 92	44 46 46	44 44 44
Average	12	20	F	. 59	4.6	**		11 11	6 4	F	1.00 1.25	16	66 66
July 1864	12 12 12 12 12 12	2 7 4 6 3	F F F	.50 .67 .70 .72 .75	44	44 64 4- 46	Average Jan. 1869	11 11 11 11	30 6 4 9 3	FFFFF	. 88 . 62½ . 75 . 83 . 92	44 44 44	66 66 66
Average	12	22	F	. 681	66	44		ii	4	F_	1.00	44	44
Jan. 1865	12 12 12 12	2 8 6	F F F	. 50 . 60 . 67 . 72	44 44 64	41 44 44	Average July 1869	11 11 11 11	26 5 2 5	F F F	. 80½ . 83 . 92 1. 00	66 66	61 65 66
Average	12	24	F	. 641	46	44		11 11	5 10	F	1. 16 1. 25	"	**
July 1865	12 12 12 12 12	5 9 6 4	F F F	. 40 . 60 . 67 . 72	14 41 41 64	44 44 44	Average	11 11 11 11	5 5 2 39	F F F	1. 33 1. 40 1. 50 1. 18	66	66
Averagë	12	25	F F	. 87	44	44	Jan. 1870	11	7	F	. 62½	44	46
Jan. 1866	12 12 12 12 12	6 8 4 5	FFFFF	. 70 . 83 . 88 1. 00 1. 12	46 64 64 66	45 44 44	Average	11 11 11 11 11 11	6 7 7 5 12	F	. 75° . 83 1. 00 1. 16 1. 33	44	61 66 64 66
Average	12	24	F	. 851	6.6	44	July 1870	11	6	F	. 42	44	44
July 1866	12 12 12 12	10 5 6	F F F	.83 .92 1.00 1.12	44 44	64 64 68		11 11 11 11 11	5 4 19 2 7	F F F F	. 62½ . 75 1. 00 1. 25 1. 33	64 64 66 66	66 66 66 64
Average	12	22	F	. 91	4.6	44	Average	11	37	F	, 90 <u>1</u>	64	44
Jan. 1867	12 12 12 12 12 12 12 12	4 3 2 8 5 1 2	44444	.50 .75 .83 .92 1.00 1.12 1.16	66 66 66 66 66	46 46 46 44 44	Jan. 1871	11 11 11 11 11 11	5 8 14 24 10 8	FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	. 50 . 75 . 92 1. 00 1. 16 1. 25 1. 33	44 64 44 46 44	66 61 65 64 64 66
Average	12	25	F	. 87	14		Average	11	6	F	1.50	**	"
July 1867	12 12 12 12 12 12	3 5 1 6 6	F F F	. 50 . 75 . 83 . 92 1. 00	64 64 64 64	64 64 64 64	July 1871	11 11 11 11 11	81 2 7 5 3	F F F	1. 09 . 50 . 75 . 83 . 92	44	44 44 • 14

RATES OF WAGES.

RATES OF WAGES.

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS ACONTINUE

WEAVERS-Continued.

		-										_	
Payroll of—	Hours rer day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
July 1871- cone'd.	11 11 11 11 11	4 10 28 21 8 4	F F F F	\$1.00 1.16 1.25 1.33 1.50 1.67	per	day,	July 1874- conc'd.	11 11 11 11 11 11	1 6 1 3 4	FFFFFFF	\$0, 92 1, 00 1, 16 1, 25 1, 50 1, 80	per	day.
Average	11	92	F	1, 20		64	Average	11	28	F	. 981	64	44
Jan. 1872	11 11 11 11 11 11	1 4 3 5 6 5 7	FFFFFFF	.50 .75 .83 .92 1.00 1.16 1.25	44 45 41 41 44	61 61 62 64 64 64	Jan. 1875	10 10 10 10 10 10	6 8 10 2 1	FFFFFF	.50 .60 .65 .731 1.241 1.40	66 66 66 66	66 64 64 66
	11 11 11	28 15 2	F F F	1.33 1.50 1.67	44	64 64	Average July 1875	10	28	F	. 66	"	44
Average July 1872	11 11 11	76 1 4 5	FF	1. 24 .50 .75 .83	44 44 44	41 44 44 44		10 10 10 10 10	16 8 2 1 3	FFFF	.60 .65 .73½ 1.24½ 1.40	66 66 66	44 44 46 46
	11 11 11	18 6	F F	1.00 1.16	"	41	Average	10	, 32	F	. 71	£ t	**
-	11 11 11 11	12 28 10 1	F F F	1. 25 1. 33 1. 50 1. 67	46 66 46	44 44 44	Jan, 1876	10 10 10 10	4 3 16 3	FFF	. 32½ . 45 . 50 . 60	46 46 46	16 16 17
Average	11	87	F	1. 19	11	66		10 10 .10	3 2 2	F	.75 .85 .90	16	44
Jan. 1873	11 11 11 11	2 6 1 6	FFF	, 75 . 83 . 92 1, 00	11	66		10 10	5	F	1. 20 1. 40	66	11
•	11 11 11 11 11	7 1 14 5 1	F F F F	1. 16 1. 25 1. 33 1. 50 1. 67	11	66 66 66 66	July 1876	10 10 10	5 3 6	F	. 69½ . 32½ . 45 . 50	64 64	66 65 65
Average	11	43	F	1. 17		, **		10 10 10	3 3 5	F F	. 60 . 75 . 85	64	16
July 1873	11 11 11 11	5 1 3	FFF	. 624 . 75 . 83	1 11 11 11	66 66 66		10 10 10	1 2 14	F F	. 90 1. 20 1. 40	44	44
	11 11	4 2 3	F	1.00 1.16	61 66 66	41 41	Average		42	F	.881	. 44	44
	11 11 11 11 11	18 4 4 4	F F F F	1. 25 1. 33 1. 50 1. 67 2. 00	44 44	46 46 46	Jan. 1877	10 10 10 10 10 10	3 4 3 6 3	FFFF	. 32½ . 45 . 60 . 75 . 85 . 90	66 66 66	61 66 46 66
Average	11	50	F	1. 25		• "		10 10	6 2	F	1.00 1.25	66	11
Jan. 1874	11 11 11	5 4 1	FF	. 55 . 62;	11	66	Average	10	34	F	1.30		
	11 11 11 11 11 11	833325	FFFFF	. 83 . 92 1. 00 1. 16 1. 25 1. 33	44 44 44 44	66 66 66 66	July 1877	10 10 10 10 10 10	2 5 2 4 6 2	FFFFF	.32½ .45 .60 .75 .85	64 66 66 64 61	44 44 44 44 44
Average	11	29	F	. 92	-	44		10	2 7 2	F	1.00 1.25	66	66 66
July 1874	11 11 11	6 4 2	F F	. 55 . 75 . 83	64 64	"	Average	10	33	F	1.30	11	11

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS-Continued.

WEAVERS-Continued.

		-			77.1	SALVE DE							
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of	wages.
Jan. 1878	10 10 10 10 10	5 3 2 7	F F F	\$0.50 .60 .70 .85	per	r day.	Jan. 1881- cone'd.	10 10 10 10 10	4 15 8 8	F F F F	\$0. 95 1. 00 1. 25 1. 35 1. 50	pe	r day.
	10	1	F	1.00 1.25 1.30	66	44	Average	10	53	F	1.04	6.6	46
	10 10	13	F	1.50	6.6	"	July 1881	10 10	6	F F	. 50	46	**
Average	10	38	F	1.05	66	6.6		10	1 6	F	.70	44	44
July 1878	10 10 10 10 10 10	6 4 4 1 5	F F F F	.50 .60 .70 .85 .90 1.00	26 26 16 61	46 46 46 46 46		10 10 10 10 10	18 - 9 5 3	FFF	1. 00 1. 25 1. 35 1. 50	66 66 66	66 66 66
•	10 10	3 4	F	1. 25 1. 30	44	44	Average	j . ;	54	F	1.00	64	44
Average	10	15 46	F	1.50 1.061	44	44	Jan. 1882	10 10 10	6 3 4	F F	. 45 . 60 . 65	66 66 68	66 66 66
Jan. 1879	10 10 10 10 10 10	5 4 2 6 3 8 5	FFFFFFF	.50 .65 .70 .90 .95	66 66 66 66	- 86		10 10 10 10 10 10 10	4 2 7 5 16 9 8 2	FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	. 75 . 90 . 95 1. 05 1. 25 1. 35 1. 50	64 66 66 64	66
- '	10 10 10	6	F F	1. 25 1. 35 1. 50	16	- 14	Average	10	62	F	. 99	11	66
Average	10	43	F	1.00 -	4.6	44	July 1882	10 10	7 - 5	F F	. 45 60	11	66
July 1879	10 10 10 10 10 10 10 10	4 6 1 5 3 9 8 5 5	H H H H H H H H H H	.50 .65 .70 .90 .95 1.00 1.25 1.35 1.50	64 64 64 66 66 66 68	61 66 68 64 64 64 64	Average	10 10 10 10 10 10 10 10	8 4 5 4 13 6 6 3	F	. 65 . 75 . 80 . 95 1. 05 1. 25 1. 35 1. 50	66 66 66 66 66 66 66 66 66	66 66 66 66 66 66
Average	10	46	F	1.021		41	Jan. 1883	10	6	F	. 45	4.6	11
Jan. 1880	10 10 10 10 10 10 10 10 10	2 3 4 2 9 6 7	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	.50 .65 .70 .90 .95 1.00 1.25 1.35	22 46 46 46 48 44 46	66 66 66 66 66 66		10 10 10 10 10 10 10 10	3 4 3 2 3 12 5 7		. 60 . 70 . 75 . 80 . 95 1. 05 1. 25 1. 30 1. 50	44 44 44 44 44 44	66 61 62 64 64 64
Average	10	40	F	1.061	"	44	Average	10	49	F	. 98	"	64
July 1880	10 10 10 10 10 10 10 10 10	3 3 8 4 2 13 7 9	FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	. 50 . 65 . 70 . 90 . 95 1. 00 1. 25 1. 35 1. 50	46 46 46 46 46 46	6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6	July 1886	10 10 10 10 10 10 10 10 10	5 2 6 5 3 8 17 8 9	FEFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	. 45 . 60 . 70 . 75 . 80 . 95 1. 05 1. 25 1. 30 1. 50	65 64 64 64 66 66	\$C &C &C &C &C &C &C &C &C &C &
Average	10	47	F	1.05	66	н	Average	10	69	F	1.011		**
Jan. 1881	10 10 10 10	5 3 1 5	F F F	. 50 . 65 . 70 . 90	44 44	44	Jan. 1884	10 10 10	4 2 4 2	FFF	. 45 . 55 . 65	11 11	66 66 68

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

WEAVERS -- Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of wages.
Jan. 1884- conc'd.	10 10 10 10 10 10	3 3 14 7	FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	\$0.80 per day. 90 " " 1.05 " " 1.25 " " 1.30 " "	Jan. 1887- conc'd.	10 10 10 10 10	14 6 5 3	FFF	\$1. 10 1. 30 1. 45 1. 50	per day.
Average		47	F	.991 " "	July 1887	10	7	F	. 45	44 44
July 1884	10 10 10 10 10 10 10 10 10	53 53 54 3 15 8 53	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	.45 " "	Average	10 10 10 10 10 10 10 10 10	5 6 3 5 7 15 4 6 14	FFFFFFFFFFF	.60 .75 .80 .90 .95 1.10 1.30 1.45 1.50	62 66 62 46 61 66 61 66 62 46 62 46 61 46
Average	10	54	F	. 96 '' ''	Jan. 1888	10	8	F	. 45	£6
Jan. 1885	10 10 10 10 10 10 10 10	3 1 9 4 5 3 18 9	FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	. 45 " " " " " " " " " " " " " " " " " "		10 10 10 10 10 10 10 10 10	5 7 5 8 4 12 8 4 3	FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	. 60 . 75 . 80 . 90 1. 00 1. 10 1. 30 1. 45 1. 50	66 66 64 65 64 65 64 65 64 65 64 65 64 65 64 65 64 65 64 65 64 65
	10 10	7 5	F	1. 35 " " " 1. 50 " "	Average	10	64	F	. 95	** **
Average July 1885	10 10 10 10 10 10 10 10	58 4 2 6 3 3 7 13 8	FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	1.05 " " .45 " " .60 " " .70 " " .75 " " .90 " " 1.05 " " 1.35 " " 1.50 " "	July 1888	10 10 10 10 10 10 10 10	2 4 6 3 4 4 14	7 7 7 7	. 40 . 50 . 90 1. 00 1. 25 1. 30 1. 50	6E EE EE EE EE EE EE EE EE EE EE EE EE E
Average	10	50	F	.981 " "	Jan. 1889	10 10	3 4	F	.40	14 46
Jan. 1886	10 10 10 10 10	3 4 8 6	FFFFF	.45		10 10 10 10 10	7 7 4 3 12	FFF	. 90 1. 00 1. 25 1. 30 1. 50	64 64 64 64 64 64 64 64 64 64 64 64 64 6
	10	2 3 14	F	1.05	Average	10	40	F	1.081	11 44
Average July 1886	10 10	51 2 3 7	FFFFF	1.35 " " " 1.50 " " " " " " " " " " " " " " " " " " "	July 1889	10 10 10 10 10 10 10	2 4 4 8 5 5	FFFFFFFF	.40 .50 .90 1.00 1.25 1.30 1.50	64 66 64 66 64 64 64 64 64 66 64 66
	10 10	7	F	.75 " "	Average	10	32	F	1.03	16 46
	10 10 10 10	6 16 11 4	F F F	1.05 " " 1.35 " " 1.50 " "	Jan. 1890	10 10 10 10	2 2 4 3 3	FFFFF	.35 .50 .70 .80	44 44 44 44 44 44
Average	ļ	57	F	1.00		10 10 10	6 6	F	1.00 1.25	44 44
Jan. 1887	10 10 10 10 10 10	4 3 8 4 3 5	FFFFF	.45 " " .60 " " .75 " " .80 " " .90 " "	Average	10 10 10	4 5 4	F F	1. 30 1. 40 1. 50	64 66 66 64 66 64

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

WEAVERS Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.		Rate	of 1	wage	S.
July 1890	10 10	2 3	F	\$0.35 .50	per	day.	Jan. 1891- conc'd.	10 10	5	F F	\$1.25 1.30	per	day.	_
	10	3	F	. 70	11	"		10	8 3	F	1.40	46	11	
	10	3 2 5		. 80	44	66	1	10	3	æ	1.50	"	64	
	10 10	1 8	F	1.00	44	66	Average	10	48	F	1.051	66	44	
	10	8 7		1.25	44	8.6					, -			
	10	5 3	F F F	1.30	**	44	July 1891	10	1 4	F	. 35	11	14	
	10 10	3 4	F	1.40 1.50	44	65		10 10		F	.50	**	44	•
	10	*	P	1.50			Į.	10	3 5 8 7	F	.75	64	6.6	
Average	10	42	F	1.041		44		10	8	F	. 90	44	5.6	
T 1001	10	١.	103	. 35		66		10 10	7	F	1.00 1.25		46	v
Jan. 1891	10 10	1 5 2	F	. 50	44	66	H	10	6	F	1.30	4.6	66	
	10	2	F	. 65	4.6	44		10	6 7	F	1.40	6.6	6.6	
	10	3	F	. 75	44	44		10	3	F	1.50	44	44	
	10 10	6 9	F	1.00	44	**	Average	10	51	F	1.04	66	4.6	

YARD HANDS.

							of the second					_	
July 1842	13	5	м		_	day.	July 1849	13 13	4 2	M M	. 75 . 83½	per	day.
Jan. 1843	13 13	1	M M	. 661	"	**	Average	13	6	М	. 78	44	ιι
- Average	13	2	M	. 681	4 6	"	Jan. 1850	13 13	4 2	M	. 75 . 834	* 64	64 86
July 1843	13 13	1 1	M M	.67½	44	16 5 .	Average	13	6	м	. 78	44	86
Average	13	2	м	. 681	r ¢	44	July 1850	13 13	· 6	M	. 75 . 83 1	46	66
Jan. 1844	13	2	M	. 67	44	**		13	í	M	1.00	44	**
July 1844	13 13	2 1	M M	. 75 . 83 <u>1</u>	44	64 64	Average	13	9	M	. 791	44	
Average	13	3	М	. 78	44	**	Jan. 1851	13 13	5 2	M M	.75 .83 <u>1</u>	16	**
Jan. 1845 July 1845	13 13	4 5	M	. 67 . 75	84	11	Average	13	7	M	. 771	**	14
Jan. 1846	13	4	M	. 75	14	4.	July 1851	13 13	4 2	M M	. 75 . 83 1	11	66 46
July 1846	13 13	1	M	. 75 1. 00	44	46	Average	13	6	M	. 78	ıı	44
Average	13	5	М	.80	66	**	Jan. 1852	13 13	4 3	M M	. 75 . 83‡	16	**
Jan. 1847	13 13	4 1	M M	1.00	44	44	Average	13	7	м	.78	44	16
Average	13	5	М	. 80	14	44	July 1852	13	4	M	. 75		- "
July 1847	13 13	6	M M	.75	44	66		13 13	3	M M	1.00	"	"
_	13	3	M	1.00	4.6	61	Average	13	8	M	. 81		" -
Average	13	10	M	. 831	6.6	44	Jan. 1853	13 13	3 6	M M	. 75 . 83	66	**
Jan 1848	13 13	5 2	M	.75 .831	66	14	Average		, 9		. 801	44	**
Average	13	7	M	. 771	44	44	July 1858	13	9	м	. 83	64	4.5
July 1848	13 13	4 3	M M	. 75 . 83½	66	66 68	Jan. 1859	13 13	12 2	M M	. 83	11	4 i 1 i
Average	13	7	M	. 781	**	44	Average	13	14	M	. 84	66	46
Jan. 1849	13 13	. 3	M	. 75 . 831	44	44	July 1859	13	12	M M	. 83	44	46
Average	13	6	M	, 791	44	4.6	Average		16	м	. 85	**	46

44

1.504

34 | M.

11

Average

1.44

12

17509, pt.

Average

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

VARD HANDS-Continued. Hours Hours Different Payroll Different Pavroll Sex. Rate of wages. Der Sex. Rate of wages. per day. employés. ofemployés. ot. day. Jan. 1867 12 м \$1.50 Jan. 1860 13 12 M \$0.83 per day. 10 per day. 12 1.75 13 5 M . 91 1 M 12 1.52 13 17 M . 854 46 66 Average 13 M Average July 1860 7 .. July 1867 12 33 M 1.50 .. 13 5 $\overline{\mathbf{M}}$. 91 44 .. 12 $\overline{\mathbf{M}}$ 1.75 1 M 861 .. 12 12 Average 12 34 м 1.50% Average .. Jan. 1861 7 M 83 13 M Jan. 1868 11 22 M 1. 25 .. 13 5 . 91 1. 33 .. 10 11 M .. 1.50 м . 861 11 ī м 13 12 Average , 83 11 25 М 1.261 13 g M Average July 1861 . 91 13 5 M 13 1 M 1.00 1 25 July 1868 25 M 1. 50 1-1 M M Average 13 14 . 87 1.30% Average 11 32 M Jan. 1862 12 5 M .75 12 M . 83 .. 44 1, 25 M Jan. 1869 11 13 46 1 50 Average M . 79 11 M 12 10 44 .. M 1.413 . 83 66 11 38 July 1862 12 11 \mathbf{M} Average $\tilde{1}\tilde{2}$ $\overline{\mathbf{M}}$ 44 6.6 . 91 6 $\tilde{1}\tilde{2}$ 1.00 6.6 6.6 M 18 M 1,50 4 6 44 July 1869 11 $\overline{\mathbf{M}}$ 1.75 . . 4.0 11 12 18 M .861 11 Average м 1.514 19 Average 11 . 83 Jan. 1863 7 M 12 12 M 0.1 M 1,50 Jan. 1870 11 12 3 1.00 July 1870 11 23 $\overline{\mathbf{M}}$ 1.50 Average 12 14 \mathbf{M} . 89 M 1.25 Jan. 1871 11 19 4.4 1.33 2 M July 1863 12 6 M .83 4 6 3 \overline{M} 1.50 26 11 12 М . 91 М 12 3 1.00 44 \mathbf{M} 1.29 24 Average 11 12 13 M .891 Average 6.6 11 M 1.25 July 1871 .. 34 M 1.50 .. Jan. 1864 12 $\frac{7}{1}$ M 1.00 11 $\overline{\mathbf{M}}$ 1.16 14 . . 12 4 4 1.491 . . M Average 11 25 8 м 1.02 Average 12 . . 44 11 22 M 1.33 Jan. 1872 4.1 1. 25 M 1.50 12 M .. 11 5 July 1864 8 66 .. 1.50 12 1 M 1.36 .. 66 \mathbf{M} Average 11 27 1. 28 .. Average 129 M 66 .. July 1872 1.50 11 39 M Jan. 1865 12 M 1.25 66 44 Jan. 1873 11 62 \mathbf{M} 1.40 $\overline{12}$ ī M 1.33 M 1.50 11 66 44 1 \mathbf{M} 1.75 5 M 1, 26% 11 Average 12 11 67 M 1.41 12 1.25 Average July 1865 8 2 1.50 44 12 M 11 48 1.50 July 1873 66 1.75 11 1 M 1,30 Average 12 10 44 49 M 1.50% Average 1į 1.00 Jan, 1866 12 $\frac{2}{7}$ M 12 M 1.25 M 1.40 66 1.50 66 .. Jan. 1874 11 27 12 M 1.50 14 6 6 11 9 M 12 1 M 1.75 1.75 .. 44 11 1 M .. 1.32 14 Average 12 М $1.43\frac{1}{2}$. M 11 37 Average $\frac{12}{12}$ M 1.00 July 1866 1.50 . 33 July 1874 11 1.25 1.75 46 M 1.50 11 12 11 M

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Continued.

YARD HANDS-Continu

								1					
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of ·	wages.
Jan. 1875	10 10 10	2 34 2	M M M	\$1.25 1.36½ 1.66½	per "	day.	Jan. 1883- cone'd.	10	4 3	M M	\$1. 20 1. 35		day.
Average	10	38	м	1. 371	**	44	Average	10	22	М	1.11	**	44
July 1875	10 10 10	4 33 2	M M M	1, 25 1, 36½ 1, 66½	"	44 44	July 1883	10 10 10 10	13 5 3 3	M M M M	1. 00 1. 10 1. 20 1. 35	66 66	46
Average	10	39	м	1.37	* t	84	Average	10	24	M	1.09	44	"
Jan. 1876 July 1876 Jan. 1877 July 1877 Jan. 1878 July 1878	10 10 10 10 10	20 19 16 14 16 19	M M M M	1. 25 1. 25 1. 15 1. 15 1. 15 1. 15	66 66 66 66	44 44 45 46	Jan. 1884	10 10 10 10 10	19 4 1 2 2	M M M M	1. 00 1. 10 1. 15 1. 20 1. 35	11 11 11	66 66 66 66
Jan. 1879	10 10	10 12	M	1.00 1.05	££	**	Average	10	28	M	1.06	6.6	**
Average	10	22	м	1.021	**	46	July 1884	10 10 10	14 5 1	M M	1. 00 1. 10 1. 15	66	"
July 1879	10 10 10	18 3 14	M M M	1.00 1.05 1.10	4.6 4.6	6.6 6.6	Average	10	$\frac{\frac{3}{2}}{25}$	M M —— M	1. 20 1. 35 1. 08	66	**
Average	10	35	M	1.042	t t	**	Jan. 1885	10	26	м	1.00		44
Jan. 1880	10 10 10	18 5 2	M M M	1.00 1.05 1.10	66 66	66 66		10 10 10 10	4 1 1 2	M M M M	1. 10 1. 15 1. 25 1. 35	\$ 6 C C C C	66 66
Average	10	25	M	1.02	44	46	Average	10	34	м	1.041	66	44
July 1880	10 10 10	3 6 8	M M M	1.00 1.05 1.10	6 6 6 6	6.6 6.6	July 1885	10 10 10 10	24 4 1 1	M M M M	1.00 1.10 1.15 1.25	66 66	44 46 66
Average	10	12	M	1.05	64	44		10	2	M	1. 35		"
Jan. 1881	10 10	4 8	M M	1.00 1.05	46	14	Average	10	32	М	1.04½		44
Average	10	12	М	1.031	44	4.6	Jan. 1886 July 1886	10 10	16 18	M M	1.00 1.00	44	**
July 1881	10 10	5 7	M M	1.00 1.05	66	86 44	Jan. 1887	10 10	13	M M	1.00 1.10	41 41	"
Average	10	12	M	1. 03	66	66		10	1 1	M M	1. 15 1. 35	16	44
Jan. 1882	10 10 10	3 5 4	M M M	1. 00 1. 05 1. 10	6 6 6 6 6 6	44	Average	10	18	М	1.041	u	44
	10 10 10	6 3 4	M M M	1. 15 1. 20 1. 35	41	66 66	July 1887	10 10 10 10	17 3 1	M M M M	1. 00 1. 10 1. 15 1. 35	££	46 44 86
Average	10	25	M	1.14	4.4	"	Average	10	22	M	1.031	44	11
July 1882	10 10 10 10 10	2 4 9 4 5	M M M M	1.00 1.05 1.10 1.15 1.20	66 66	61 66 64 46	Jan. 1888	10 10 10	9 4 3	M M M	1. 00 1. 10 1. 20	44 44 44	66 66 66
Average	10	4	M	1.35	11	44	Average	10	16	M	1.06½		44
Jan. 1883	10 10	28 10 3	M M M	1. 14 1 1. 00 1. 10	44	46	July 1888	10 10 10	$\begin{bmatrix} 11 \\ 4 \\ 2 \end{bmatrix}$	M M M	1.00 1.10 1.20	4.6	46 44
4	10	2	M	1. 15	44	"	Average	10	17	M	1.041	44	44

COTTON GOODS: ESTABLISHMENT No. 39, MASSACHUSETTS—Concluded.

YARD HANDS-Concluded.

Payroll of	Hours per day.	Different employés.		Rate	of w	ages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of w	ages.
Jan. 1889	10 10 13	6 10 5	M M M	\$1.00 1.10 1.20	per "	day.	July 1890	10 10 10	13 2	M M M	\$1.00 1.10 1.20	per	day.
Average	10	21	M	1.091	4.6	**	Average	10	17	M	1.10	66	44
July 1889	10 10 10	5 7 3	M M M	1.00 1.10 1.20	66 66	16	Jan. 1891	10 10 10	$\begin{smallmatrix}3\\11\\2\end{smallmatrix}$	M M M	1.00 1.10 1.20	40	44 14 44
Average	10	15	М	1.081		**	Average	10	16	M.	1.091	"	**
Jan. 1890	10 10 10	4 9 2	M M M	1.00 1.10 1.20	4 6 6 6	6 C	July 1891	10 10 10	5 14 2	M M M	1.00 1.10 1.20	44	66 66
Average	10	15	M	1.081	44	44	Average	10	21	М	1.081	"	46

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS.

BACK HANDS.

Jan. 1840	14 14 14	<u> </u>	i M	. 38 . 40 . 42	per	day.	Jan. 1845- conc'd.	14 14	2 1	F	.38	per	day.	
	14]		. 44	11	44	Average	14	6		. 35	4.4	44	
Average	14		5	. 401		44	July 1845	14 14	2 1	M F	.33	44	**	
July 1841	14 14 14	:	M M F	.33	44	6 c 6 c	Average	14	3		36		44	
							Jan. 1846	14 14	2 2	M F	. 33	11	44	
Average	14		4	. 401	44	11		14	í	M	. 48	4.6	44	
Jan. 1842	. 14 14		M F	. 40	44	44	Average	14	5		. 38	4.6	44	
A verage	· 14	:	2	. 42	44	44	July 1846	14 14	1 1	M F	. 20		14	
July 1842	14		2 F	. 38	66	66	Average	14	2		. 261	66	44	
	14		1 M	. 40	•••	••	July 1847	14	1	м	. 42	44	4.4	
Average	14	;	3	. 381	6.6	* *	1	14	ī	F	. 42	4.6	46	
Jan. 1843	14 14		1 M I F	. 38	46	"	Average	14	2.		. 42	4.6	44	
	14	:	1 F	. 44	4.6	4.6	Jan. 1848	14	1	M	.42	66	6.6	
Average ·	14		3	. 40	11	44	Jan. 1852	12 12	1 1	F	. 28	44	44	
July 1843	14 14	:	M M	.22	66	44	Average	12	2	F	. 33	66	4.6	
	14 14		1 F 2 M	. 44	44	44	July 1852	12	1	F	. 28	44	66	
				!— <u>·</u>			Jan. 1853	12	1	F	. 30	1.6	4.4	
\mathbf{A} verage	14	7	5	. 39	5.6	**	July 1853	12	1	F	. 30	11	66	
Jan. 1844	14		ı M	. 25	4.6	66	Jan. 1854 July 1854	12 12	1 1	F	.30	44	4.6	
Vall. 1044	14		2 M	.33	44	66	Jan. 1855	12	i	Ē	.30	4.6	66	
	14		î F	.38	6.6	6.6	0 441. 1000	,	_	-				
							Jan. 1856	12	, 1	M	. 42	11	4.6	
Average	14		1	. 32½	4.6	44	1	12	1 2	M F	.45	44	44	
July 1844	14		1 M	. 25	44	66	łl I	12		F	.40			
oul, loss	14		M	. 33	6.6	46	Average	12	- 4		.441	**	4.6	
	14		1 F	.42	8.6	44	-			1				*
A	4.		-		4.6	64	July 1856	12	3	M	.45	11	66	
Average	14		1	. 331	••	••		12 - 12	$\frac{1}{2}$	F	. 45	4.6	44	
Jan, 1845	14 14		ı M 2 M	. 25	44	44	Average		6		451	46	66	

TABLE XII. RATES OF WAGES FOR 52 YEARS Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

Payroll of—	Hours per day.	Different employés.		Rate of	f wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages
Jan. 1857	12 12 12 12	1 4 1 1	M M F	. 45	er day.	July 1879 Average	10 10	1 2	M M	\$0.40 .50	per	day.
Average		7				Jan. 1880	10	1	м	.40		44
	12	' 1	м	1 ~	16 16	J 211. 1660	10	2	M	. 50	44	"
July 1857	12 12	1 1	M F	. 46		Average	10	3	M	. 461	"	"
Average	12	3		. 47		July 1880	10 10	1 1	M M	. 35	16	66
July 1859	12	1	F	. 40	11 44	Awaraga	10	3	M	.50	"	"
Jan. 1864	11 11 11	2 5 1	M F F	.40	11 44	Jan. 1881	10 10	1 •l	M M M	. 41½ . 35 . 40	"	"
Average	11	8		.40 .	14 44	4	10	2		. 50		
July 1864	11 11	2 5	M F		16 66	Average	10 10	4	M	. 431	44	"
A worse ore	11	1 8	F	. 45	1 11	July 1881	10 10 10	$\begin{bmatrix} 1\\1\\2 \end{bmatrix}$	M M M	. 35 . 40 . 50	"	**
Average	11	1		. 20		Average	10	4	м	. 431	**	"
July 1865 Jan. 1866	11 11 11	1 2 1	M M M	.50	, 14	Jan. 1882	10 10	1	M	. 35	66	"
July 1866	11	1	M	1 .00			10	2	М	. 50		"
Average	11	. 2	М	. 55 '		A verage	10	4	M	. 43½	"	44
Jan. 1867	11 11	$\frac{1}{2}$	M M	.58		July 1882	10	1 3	M	. 35	66	"
Average	11	3	М	. 64	,	Average	10	• 4	M	. 46½	6.6	"
July 1867	11 11	2 1	M M	. 50 °		Jan. 1883	10 10 10	1 1 1	M M F	. 35 . 40 . 40	£ £	44 44
Average	11	3	M	. 52½ '	6 66		10 10	1 1	M M	. 45 . 50	46	"
Jan. 1868	11 11	2	M	.50 '		Average	10	5		. 42	14	66
July 1868 Jan. 1869 July 1869 Jan. 1875 July 1875 Jan. 1876	11 11 10 10 10	1 1 3 2	M M M M M	.50 4 .54 5 .58 4 .40 4 .35	6 6E 6 6E 6 6E	July 1883	10 10 10 10	1 1 1 2	M M F M	.35 .40 .40 .50	66 64	66 68 66
July 1876	10	i	M	.35 '		Average	10	5		. 43	14	44
Jan. 1877	10 10	1 2	M M	.35		Jan. 1884	10 10	1 4	M F	. 40 . 40	44	"
Average	10	3	M	.38½ '	6 66		10 10	1 1	M	. 45 . 50	66	66
July 1877	10 10	1 2	M M	.35		Average	10	7		. 42	"	4.
Average	10	3	M	. 381/2 '		July 1884	10	3	м	. 40	41	44
Jan. 1878	10 10	2_1	M M	. 40			10 10	5 1	F M	. 40	44	44
Average	10	3	M	. 431 '	6 64	Average	10	9 .		. 41		
July 1878	10 10	$\frac{1}{2}$	M M	. 40		Jan. 1885	10 10 10	2 5 1	M F M	. 40 . 40 . 45	44 66	** **
Average	10	8	М	.461			10	1	M	. 50	"	"
Jan. 1879	10 10	2 2	M M	. 40		Average	10	9 .		. 411	41	11
Average	10	4	M	, 45		July 1885	10 10	2 5	M F	. 40 . 40	46	64

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS-Continued.

BACK HANDS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of 1	vages.
July 1885– conc'd.	10 10	1 1	M M	\$0.45 .50	per d	lay.	July 1888- cone'd.	10 10 10	3 14 1	M M M	\$0.55 .60 .65	per	day.
Average	10	9		. 411	4.4	**	1	10	2	M M	.70	6.6	44
Ĵап. 1886	10 10	1 1	M F	. 35 . 35	44	44		10	1	F	.75	44	44
	10 10	1	M F	. 40	4.4	44	Average	10	31		. 57½	11	6.6
*	10 10	$\frac{2}{2}$	M	. 55	44	44	Jan. 1889	10 10	$\frac{2}{1}$	M F	. 45 , 45	16	6.6
4 - 4 ma		8		. 473	"	61		10 10	4 2	M F	.50	11	66
"Average				~				10	9	M	. 60	4.6	61
July 1886	10	1 1	M F	. 35	11	44		10	1	, M	. 65	**	1.6
	10 10	1	M	. 50	44	44	Average	10	19		. 54½	"	41
•	10	2	M	. 60	11	44	July 1889	10 10	2 4	M	. 45	44	66
Average	10	7		. 50	**	66		10	3	F	.50	64	46
Jan. 1887	. 10	3	м	. 40	16	**		10 10	11	M F	. 60		44
	10 10	2 2	M F	. 45	6.6	4.6	Average	10	21		. 55	4.6	**
	10	. 3	M	.50	44	64	Jan. 1890	. 10	1	м	. 45	"	6.6
	10	3	M	. 60	46	**	1	10	5	M F	. 50		66
	10	1	M	. 75	. "		li	10 10	3 10	M	. 50	6.6	44
Average	10	- 18		. 51 <u>1</u>	"	4.1		10 10	1 1	F M	. 60	11	44
July 1887	10 10	2 2 5	M M	. 40	44	66 68	Average		21		. 55½		44
	10	3	F M	. 45		46	July 1890	10	4	M	. 50	6.6	46
	10	6	M	. 55	46	. 6 6		10 10	1 14	F M	. 50	66	44
	10	1	M	. 75	6.6	4.6		10.	1	F	. 60	6.6	66
	10	1	F	. 75	. "	**		10	1	M	. 65		11
Average	10	28		531	44	44	Average	10.	21		58	11	44
Jan. 1888		2	M	.40	41	44	Jan. 1891	10 10.	1 3	M M	. 45	66	44
	10 10	1 4	M F	.45	44	66	11	10.	i	F	.50	66	44
	10	2	M	. 50	6.6	44		10	16	M	. 60	44	66
	10	1 9	F	. 50	44	66		10	1	F	. 60	- "	.,
	10 10	10	M	. 60	4.4	4.6	Average	10	22		57		44
	10	1	, M	. 75	46	44	1			1	1		61
	10	1	F	. 75			July 1891	10	1 3	M	.45	4.6	6.6
Average	e 10	31		55		64		10	1	F	.50	44	44
_			7:	. 45	4.6	"	1	10 10	14	M F	. 60	4.6	66
July 1888	10 10 10	3 2	F M	.45	44	61	Average		20		-		•

BALERS.

Jan. 1870 July 1870 Jan. 1871 July 1871 Jan. 1872 July 1872 July 1872	11 11 11 11 11	1 1 1 1 1 1	M M M M M M	1.50 1.50 1.50 1.50 1.67 1.67	per day.	Jan. 1876 July 1876 Jan. 1877 July 1877 Jan. 1878 July 1878 July 1878 Jan. 1879	10 10 10 10 10 10 10	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M 1.40 M 1.40 M 1.40 M 1.40 M 1.40 M 1.25 M 1.25	66 66 66 66 66 66 66 66
July 1871		1				July 1877				
July 1872		i	M	1.67		July 1878	10	ī	M 1.25	44 46
Jan. 1873 July 1873	11 11	1	M	1, 67 1, 67	66 61	Jan. 1879 July 1879	10		M. 1, 25 M. 1, 25	
Jan. 1874	11	i	M	1.50	- 66 66	Jan. 1880	10	1	M 1.40	41 65
July 1874 Jan. 1875	11 10	1	M	1.50 1.50	66 66	July 1880 Jan. 1881	10 10		M 1.40 M 1.40	
July 1875	10	i	M	1.50	44	July 1881	10		M 1.40	

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS-Continued.

BALERS-Concluded.

Payroll of—	Hours per day.	Different employes.	Sex.	Rate	of v	wages.		Payroll of—	Hours per day.	Different employes.	Sex.	Rate	of v	rages.
Jan. 1882 July 1882 Jan. 1883 July 1883 Jan. 1884 July 1884 Jan. 1885	10 10 10 10	1 1 1 1 1 1	М М М М М М М	\$1.40 1.40 1.40 1.40 1.40 1.40 1.40	per	day.	5	July 1885 July 1886 July 1886 Juny 1887 July 1887 July 1888 July 1888	10 10 10 10 10 10 10	1 1 1 1 1 1 1 1 1 1 1	M M M M M	\$1.40 1.40 1.40 1.40 1.40 1.40 1.40	per	day.

BAND BOYS.

Jan. 1856	12 12 12	1 1	M M M	.83 per day. 1.00	Jan. 1867- cone'd.	11 11	2 2	М	. \$3	per day.
1	12	6	М	1.12	Average	11	11	М	. 744	
Average	12	10	М	1.043 " "	July 1867	11	1 4	M	. 67	16 64
July 1856	12 12	2	$\frac{\pi}{\pi}$	1. 12 " "		11	6	M	. 99	
Average	12	4	М	1.06 " "	Average	11			. 83	
Jan. 1857	12	2	M	1.00 " "	Jan. 1868 July 1868 Jan. 1869	11 11 11	1 2 2 2	M M M	. 83 . 75 . 75	16 E1
July 1857	12 12	2 2	M M	1.00 " "	July 1869	11		М	, 75	44
Average	12	4	М	1,06 "	Jan. 1870	11	1	M	. 75	11
July 1858	12 12	2 1	М М	.58 " "	Average	11	2	M	. 79	
Average	12	3	М	.61 " "	July 1870	11	1	M	.75	11 11
Jan. 1859	12	1	M	.67 " "	Average	11	2	M	. 79	** **
July 1859	12 12	, 1 1	M M	.58 " "	Jan. 1871 Jan. 1872	11	1 2	M M	. 83 . 83	66 66 66 11
Average	12	2	М	. 621 " "	July 1872 Jan. 1873	11	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Т	. 83 . 83	44 44
Jan. 1860	12 12	1	M M	.75 " " "	July 1873 Jan 1874 July 1874	11 11 11		M M	. 83 . 40 . 40	44 44
Average	12	2	М	. 79 44 44	Jan. 1875 July 1875	10 10	1 2 2	M	. 50 . 50	FE 11
July 1860	12 12 12 12	1 1 1	М М М	.58 44 44	Jan. 1876	10 10 10	1 1 1	M M M	, 50 , 55 , 80	16 16
Average	12	4	M	.703 " "	Average	10	3	М	. 61 <u>1</u>	
Jan. 1861	11 11 11	1 1 2	M M M	.60 " " " .67 " " .83 " "	July 1876	10 10 10 10	1 1 1 2	M M M M	. 55 . 60 . 70 . 80	# 11 11 11 11 11
Average	11	4	м	. 731 " "	Average	10	5	'	. 69	66 44
July 1861 Jan. 1862 July 1862 Jan. 1865	11 11 11 11	1 1 1 1	М М И	.83 " " 1.00 " " 1.00 " " .50 " "	Jan. 1877	10 10 10	2 1 2	M M M	. 60 . 70 . 80	14 15 44 14
July 1865	11 11	2	M M	.75 " " 1 00 " "	Average	10	5	M	.70	tt tf
Average Jan. 1866	11 11	4	М	,87½ " " 1.00 " "	July 1877	10 10 10	2 1 2,	M M M	. 60 . 70 . 80	11 16
Jan. 1867	11	7	М	. 67 " "	Average	10	5	M	.70	65 66

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS-Continued.

BAND BOYS-Concluded.

Payroll of—	Hours por day.	Different employés.	Sex.	Rate	of w	rages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages
Jan. 1878	10 10 10	1 1 3	M M M	\$0. 60 . 75 . 80	per	day.	July 1884	10 10 10	$\begin{smallmatrix}2\\1\\1\\1\end{smallmatrix}$	M M M	\$0.70 .80 1.00	per "	day.
Average	10	. 2	М	. 75	44	14	Average	10	4	М	. 80	**	64,
July 1878	10 10 10 10	1 1 1 2	M M M M	. 60 . 65 . 75 . 80	4.4 4.4 4.4	64 44 65	Jan. 1885	10 10 10 10	2 1 1 1	M M M M	.70 .75 .80 1.00	66 66	64 64
Average	10	5	М	. 72	44	44	Average	10	5	M	.79	44	4.5
Jan. 1879	10 10	6	M	. 65 . 70	44	14	July 1885	10 10 10	2 1 1	M M M	.70 .75 .80	44	6 6 6 6
Average	10	7	М	. 651	44	44		10	1	М	1.00	44	4.6
July 1879	10 10	6	M	. 65 . 70	44	44	Average		5	M	.79	44	44
Average	10	7	M	. 651	44	44	Jan. 1886	10 10 10	1 3 2	M	.60 .75 1.00	44	46
Jan. 1880	10 10	5 1	M	. 65 . 70	64	44	Average		6	M	. 81	6.6	46
Average	_ 10	6	М	. 86	4.4	46	July 1886	10	1	м	. 60	44	44
July 1880	10 10	5 1	M M	.65 .70	46	44	Sury 1005	10 10 10	1 2	M M M	. 75 . 80 1. 00	44	44
Average	10	6	M	. 66	44	44	Average	10	6	м	. 81 <u>1</u>	6.6	44
Jan. 1 881	10 10 10	2 2 1	M M M	. 65 . 70 1. 00	44	44	Jan. 1887 July 1887	10 10	1 1	M. M	.70	64 66	44
Average	10	5	М	. 74	44	**	Jan. 1889	10	1	м	. 65	11	**
July 1881	10 10 10	2 2 1	M M M	, 65 , 70 1, 00	6 6 6 6	66 44	Average	10	2	M	.70		44
Average	10	5	М	. 74		44	July 1889	10 10	1 1	M	. 65	66	44
Jan. 1882	10 10 10	2 2 1	M M M	. 65 . 70 1. 00	66 66	64 64 64	Average	-	2	M	. 67		46
Average	I	5	м	.74		44	Jan. 1890	10 10	1	M	. 65	11	44
July 1882		1	M	.65	66 66	44 46		10	1	M M	. 80	41	44
	10 10			1. 25	44	41	Averag	e 10	4	M	. 78	* 4	4.6
Average	e 10	5	м	. 82	14	44	July 1890	10 10		M M	. 75	44	44
Jan. 1883	10 10 10	4	M	. 65 . 75 . 90	66 66	4 6 6 6 4 6	Averag	10	1	М	. 95 , 81 1	- 44	44
Average		-	_	.76	- 41	44	Jan. 1891	10	2	м	. 75	44	44
July 1883				.70	44	44	1 2307	10	1	M	. 80 1. 00		66
Average					- 46	44	Averag	е 10	5	M	. 86	64	44
Jan. 1884		1	_ M	. 80	44 42	44 14 44	July 1891	10 10 10	1	. M	. 90	44	66
Averag		_	-			46	Averag	· -	_		. 88	- 41	44

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued,

-						-						
Payroll:	Hours per day.	Different employés.	Sex.	Rate of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
Jan. 1840	14 14 14 14 14	1 1 1 1	M M M M	\$0.80 per .86 " .88 " .96 " 1.00 "	day.	Jan. 1847 Average	14 14 14	3 2 1	M M M	\$0, 80 1 1, 00 1, 10	er	day.
Average	14	5	M	.90 "	14	July 1847	14	2	М	. 80	**	**
July 1841	14	1	M	.75 "	14	0 22, 102.	14 14	2 1	M	1.00 1.17	66	44
	14	. 1	M	. 83 "	ŧť.	Average	14	5	M	. 951	44	41
,	14	5	M	1.00 "	44	Jan. 1848	14	2	M	. 80		44
Average	14	8	M	. 931 11	11		14	2	M	1.00	14	46
Jan. 1842	14 14	1	M M	.75 "	44	Average	14	4	M	, 90	44	66
	14 14	1 4	M M	1.00 "	66	July 1848	14 14	1	M M		16	66
Average	14	7	M	. 924 **	"	10.00	14	i	M	1.00	"	- 44
July 1842	14	1	M	. 83 ''	46	Average	14	6	M	. 821	££	44
	14 14	1 3	M	1.00 "	66	Jan. 1849	14 14	7 2	M M	100	44	64 64
Average	14	5	М	. 94 "	66	Average	14	9	M	. 841	44	и
Jan. 1843	14 14	1 4	M M	. 88 "	44	July 1849	14 14	1	M M	. 80	. I . I	44 16
Average	14	5	M	. 941 "	4.6		14 14	2 1	M M		4.6	44
July 184 3	14 14	2_1	M M	.83 "	44	Average	14	5	M	. 84	44	**
	14 14	1 1	M M	. 96 '' 1. 00 ''	"	Jan. 1850	14 14	3	M M		44	44
Average	14	5	M	. 90 ''	11	Average	14	6	м	, 81 <u>1</u>	1 4	**
Jan. 1844	14 14 14	1 3 1	M M M	.80 " .83 " .88 "	66 66	July 1850	14 14	1 1 1	M M M	. 83	6 6 6 6	44 16 44
Average	14	5	M	831 "	**	1	14	1	M	1.00		44
July 1844	14	2	M	. 80 "	44	Average	14	4	M	+ OOg	í t	11
	14 14	3 1	M M	. 83 "	**	Jan. 1851	14 14	3 3	M	. 00		44
Average	14	6	M	. 83 **	44	Average	14	6	м	. 90	14	44
Jan. 1845	14 14 14	4 3 1	M M M	.83 "	6 6 6 6 6 6	July 1851	14 14	2 2	M M	. 00	18	*4 11
Average	14	8		. 821 "	44	Average	14	4	M	. 90	4	**
July 1845	14 14	5	M M	.80 "	"	Jan. 1852	12 12	2 2	M	, 00	6	44
	14	1	M	.94 "	6.6	Average	12	4	M	. 90		**
A verage	14	10	М	. 821 ''	44	July 1852	12 12	1 2	M	. 00	16	11
Jan. 1846	14 14 14	3 2 1	M	. 80 " . 83 " 1 00 "	44 44	Average	12	3	М	. 931	4	
Average	14	6	M	. 841 "	**	Jan. 1853	12 12	6	M M	.80 4 1.00 4		44
July 1846	14	2	м	.80 "	44	Average	12	7	м	. 83 '	4	"
-	14	2 1	M M	, 83 " 1, 10 "	11	July 1853	12 12	6	M	.80 °		66 /
Averago	14	5	M	. 87 "	44	Average	12	7	M	.83 4		44

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS--Continued.

CARD GRINDERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate o	f w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages
Jan. 1854	, 12 , 12	6 1	M M	\$0.80 pe	er c	lay.	July 1860	12 12 12	3 4 4	M M M	\$0.75 .80 .92	per	day.
Average	12	7	M	. 83	4	44	Average	12	11	M	.83		44
July 1854 Jan. 1855	12 12	5 5	M M	.80 4		11	Jan. 1861	11 ·	2 6	M	.75	14	66
July 1855	12 12	12 1	M M	. 80 4 1. 00 4		66	Average	11	8	M	. 87		44
Average	12	13	М	. 811	4	14	July 1861	11	2	M	. 75	66	66
Jan. 1856	12 12	9 2	M M	.80 4		46	Average	11	6	M	. 92		46
	12 12	1	M	1.00	14	66	Jan. 1862	11	2 6	M M	. 75	44	44
Average	12	13	M	.84	4 4	46	Average	11	8	M	. 92		66
July 1856	12 12 12	9 2 3	M M M		16	64	July 1862	11	1 1	M M	.72	44	e e
	12	ĭ	M	1.12		44	Average		2	M	.80		**
_ Average	12	15	M	●. oo₫		44	Jan. 1863	11	1	M	. 88		44
Jan. 1857	12 12 12	8 1 3	M M M	. 83 1: 00	4.6 4.6 8.6	44	Jan. 1864 July 1864	11	6 2	M	1.50	11	"
-	12	1	M	1.12	6.4				5	M	1.50	- 64	44
Average	1	13	M	.013		44	Average	1.	7	M	1. 47		44
July 1857	12 12 12	5 1 2	M	. 86 1. 00	66	44	Jan. 1865	11	1 4	M	1. 42		44
	12	1	_:	1.12		44	Average	1	2	M	1. 48	1 11	44
Average Jan. 1858		9	M	.75	4.6	44	July 1865	11 11 11	3 1	M M M	1.50 1.58 1.67	64	"
	12 12 12	4	M	. 80	14 14 14	66 66	Average		6		1, 57	- 41	**
Averag	-	-			44	44	Jan. 1866	11 11 11	2 3 1	M	1.50 1.58 1.67	44	
July 1858	12	3	M	. 80	44	66 66	Average	-	6	-	1.57	- 41	44
	12 12 12	2	M	1.00	6 6 6 6	44	July 1866	11 11 11	3	. M	1.50 1.58 1.67	61 61	4.6
≜ verag	e 12	10	M	. 901	**	44	Averag			_	1.57		. 44
Jan. 1859	12 12 12	1 3	M	. 75 . 80 . 92	4.6 4.6 6.6	44 44	Jan. 1867		4	м	1.58 1.67		
-Averag		-	_	. 831	6.6	**	Averag	e 11	6	M	1. 61		
July 1859		2	M	.75	14	44	July 1867	11 11					
	12	9	M	.92	4.6	66	Averag	-	-			_	
Averag	e 12	: 8	3 M	. 831	44	4.6	Jan. 1868						
Jan. 1860	12 12 12	4	ı M	. 75 . 80 . 92	66 66	66 66	July 1868	1	. 4	M	1.58		
Averag		-	[_	66	44	▲verag	e 11		M	1.60	, ,	

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS Continued.

CARD GRINDERS Continued.

-			·							2000			-	-
Payroli of -	Hours per day.	Different employés.	Sex.	Rate	of'	unges.	Pay roll of	flours per day.	Different employes.	Sex.	Rate	of	wagos.	
Jan. 1869	11 11 11	1 3 1	M M M	1. 58	14	day.	July 1871 cone d.	11 11 11 11	1 1 1 1	M M M M	\$1, 10 1, 50 1, 57 1, 67	pe n	rday.	
Average	11	5	м	1.58	4.4	14	Average	11	8	M	1.13	٠,	.,	
July 1869	11 11	1 4	M	1.50 1.58	11	4.4	Jan. 1875	10	2 1	M	1, 25	11	16	
Average	11	5	M	$1.56\frac{1}{9}$	4.4	44		10	3	M	1, 30	11		
Jan. 1870	11 11	' 1 • 4	M M	1.50 1.58	. 1	44		10	1	M	1, 45	*1	11	
Average	11	5	M	1. 56			Average	i l	8	М	1 38	**	**	
July 1870	11 11	1	M M	1.50 1.58	11	**	July 1875	10 10 10	1 2 1	M M M	1, 25 1, 30 1, 35	11	44	
Average	11	5	M	1. 561			İ	10 10	2	M M	1.40 1.45	11	"	
Jan. 1871	11	1	м	1, 50		44	`	10	î	M	1, 65	44	H	
V 44421 2012	11 11	1 5	M	1.58 1.67	11	14	Average	10	8	M	1.08}	14	4.1	
	ii	1	M	1. 75	11	11	Jan. 1876	10	1	M	1, 25	14	**	
Average	11	8	M	1.641	+4	44		10	2 1	M M	1 30 1 35	14	11	
July 1871	11	1	M	1.50	41			10 10	3 1	M M	1.40 1.60	11	44	
	11	1	M M	1.58 1.67	14	64	Average	10	8	- n	1. 374	44	14	
	11 11	1	M M	1, 75 1, 83	11	11	July 1876	10	1	M	1, 25	11	44	
Average	11	8	M	1.661		11	0 mg 10/0	10 10	2	M M	1, 30	14	41	
Jan. 1872	11	1	м	1. 58	1.4	"	1	10	2	M	1, 40	11	**	
	11 11	5	M M	1. 67 1. 70	44	64		10 10	1	M	1, 45 1, 55	11	4.	
	11	i	M	1.83	4.6	66	Average	10	8	M	1.378	ı	**	
A verage	11	8	M	1,681	4.1	4.6	Jan. 1877	10	1	M	1.25		4.6	
July 1872	11	1	М	1, 58	11	11		10 10	1 5	M M	1.35 1.40	11	44	
,	11 11	6 1	M	1. 67 1. 83	44	11	!	10	1	M	1.60	14	44	
A verage	11	- 8	M	1.68	6.6	44	Average	10	8	M	1.40	44	44	
Jan. 1873	11	5	М	1.50	**	**	July 1877	10 10	2	M M	1, 25 1, 35	"	11	
	11 11	$\frac{2}{1}$	M M	1.60 1.75	4.6	66		10 10	1	M M	1, 40 1, 50	11	46	
Average	11	8		1. 551	4.6	**	Average	10	8	M	1. 37	11	**	
July 1873	11 11	2 2	M M	L 25	11		Jan. 1878	10	1	M	1.30	.,	64	
	11 11	2	M	1.45 1.50	11	11		10 10	5 1	M M	1.40 1.45		44	
	11	1 1	M M	1, 55 1, 60	11	14		10	1	M	1.50	11	+4	
Average	11	8	М.	1.413	44	6.6	Average	10	8	M	1. 401	11	14	
Jan. 1874	- 11	2	M	1. 25	6.6	**	July 1878	10 10	1 5	M M	1, 20 1, 40	44	14	
	11 11	3	M M	1, 30 1, 50	11	"		10	1	M	1.45	6 6 6 4	**	
	11	1	M	1. 60	**	"		10	1	M	1.50			
Average	11	8	M	1, 40	4.6	"	Average	10	8	M	1.391			
July 1874	11 11	1 1	M M	1, 25 1, 30	44	11	Jan. 1879 July 1879	10 10	_ 2	M	1. 40 1. 40	66	**	
1	ii l	1	M	1. 35	44	44	July 1880	10 10	2 2	M M	1.40 1.40	"	"	

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS -Continued.

CARD GRINDERS-Concluded.

Payroll of—	Hours per day.	Different employes.	Sex.	Rate	of	wages.	Payroll of-	Hours per day.	Different employés.	, Sex.	Rate	of '	wages
Jan. 1881 July 1881	10 10	3	и Л	\$1.40 1.40		day.	Jan. 1888	10 10	3 1	M M	\$1.45 1.75	per	day.
Jan. 1882 July 1882 Jan. 1883	10 10 10	1	M M	1.40 1.40 1.40		**	Average	10	4	. M	· 1 52½	1.4	"
July 1883 Jan. 1884	10	2 2 2	M	1.40		**	July 1888	10 10	3	M	1.45		66
July 1884			. M.	1.40		**	Average		4	М	1.523	4.6	66
Jan. 1885	10 10	3 1	M	1.45		44	Jan. 1889	10 10	3	M M	1.45 1.75	66	**
Average	10	4	М	1 52½	• •	**	Average		4	M	1. 523	44	**
July 1885	10 10	3 1	M M	1. 45 1. 75	44	**	July 1889	10	3	м	1.45	44	44
Äverage	10	4	M	1.521	6.4	**	A ****	10	1	M	1.75	14	44
Jan. 1886	10 10	3 1	M	1.45	16	44	Average Jan. 1890	10	4	M	1. 52½	44	"
Average	10	4	м	1. 524	44	44		10	1	M	1.75	44	66
July 1886	10	3	M	1.45	41	44	Average		4	М	1.521	44	44
Average	10		М	1. 75	64	"	July 1890	10 10	1	M	1.45 1.75	11	41
Jan. 1887		_		_	44	44	Average	10	4	M	1, 521	11	44
зац. 1883	10 10	3 1	M	1. 45 1. 75	44	44	Jan. 1891	10	3	M	1.45 1.75	1.5	66
Average	10	4	Л	1.523		41	Average	10	4	м	1.521	i.	44
July 1887	10 10	3 1	Ж Ж	1. 45 1. 75	44	66	July 1891	10 10	3	M M	1. 45 1. 75	66	46
Average	10	4	-Т	1.524	44	46	Average	10	4	м	1.521	+4	**

CARD STRIPPERS.

Jan. 1840	14 14	1 2	M M	. 50	per	day.	July 1843	14	2	м	.78	per	day.
	14	ĩ	л	. 75	4.6	4.6	Jan. 1844	14 14	1 2	M M	. 48 . 78	4.6	46
Average	14	4	Т	. 66½	64	44				-		41	64
July 1840	14	1	м	. 54	44	44	Average	14	3	Л	. 68		
Jan. 1541	14	1	M	. 50	4.6	**	July 1844	14	1	Л	. 80	4.6	66
July 1841	14	2	м	. 50	4.6	44	Jan. 1845 July 1845	14 14	1 1	M M	. 46	14	44
J	14	2 2 3	M	. 65	44	66	July 1846	14	4	М	.80	4.6	44
!	14	3	М	. 75	**					3.0	~-		16
Ave rage	14	7	M	. 65	44	44	Jan. 1847	14 14	1 2	Л	. 75 . 80	44	41
Jan. 1842	14	1	м	. 50	4.6	44	1		3	M	. 781	16	44
	14	1	M	. 60	6.6	66	Average	14	3	M	. 153		
1	14 14	3	M	. 75	46	44	July 1847	14	4	м	. 80	4.6	44
		-		-			Jan. 1848	14	5	M	80	14	66
Average	14	6	М	. 70 1	4.4	4.4	1						
July 1842	14	1	M	. 52		1.0	July 1848	14 14	2	M M	. 70	44	14
	14	2	M	. 75	1.6	44	il i						
Average	14	3	м	. 672	14	44	Average	14	4	M	. 75	**	11
Jan. 1843	14	1	M	. 60	6.6	**	Jan. 1849	14	1	М	. 70	44	44
	14	5	M	. 71	4.6	**		14	3	М	. 80	**	**
Average	14	3	М	. 673	.,	**	Average	14	, 3	M	. 761	4.6	44

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

CARD STRIPPERS-Continued.

							*						
Payroll of—	Hours per day.	Different employés	Sex.	Rate	of	wages.	Payroll of—	Hour per day.	Different employés		Rat	e of	wages.
July 1849	14 14	1 4	M M	\$0.70 .80		r day.	July 1862	11 11 11	2 1 1	М	\$0.72 .75	pe	r day.
Average	14	5	M	. 78	4 6		Average		4	М	'	-	66
Jan. 1850	14 14	2 5	M	.70	6.6		Jan. 1863		2 1	M M	.74	"	"
Average	14	7	ŊΙ	. 77	44	4.6	1	-		-	. 83		
July 1850	14 14	1 5	M M	.75 .80	66	44	Jan. 1864	11	9	M	1. 25	"	46
Average	14	6	M	. 79	6.6	64	July 1864		1	м	1.17	66	44
Jan. 1851	14 14	. 3	M M	. 70	46	64		11 11 11		л - л л	1. 25 1. 33 1. 42	46 40 64	14 14
Average	14	4	M	. 77½	4.6		i	11	1	. Т	1.50	4.6	44
July 1851	14	1	м	. 70		44	Average	11	12	Σŧ	$1.32\frac{1}{2}$	н	44
	14	6	М	. 80	4.6	4.4	Jan. 1865	11	2 4	Л	1. 25 1. 33	4.	64
Average	14	7	М	.783	6.6	66		111	3	М	1. 42 1. 50	44	66 66
Jan. 1852	12 12	3 5	M M	. 70 . 80	46	44	Average	<u> </u>	10	M	1. 36	44	44
Average	12	- 8	M	. 76½	41	6.6	July 1865	11	2	м	1. 25	44	16
_July 1852	12 12	1 6	M	. 70 . 80	11	"		11 11 H	4 2 1	M M M	1. 33 1. 42 1. 50	66 66	66 66
Average	12	. 7	M	. 781		44	Average	11	9	M	1.35	66	44
Jan. 1853 July 1853 Jan. 1854 July 1854	12 12 12	1 1 1	M M M	. 80 . 80 . 80	66 46	44	Jan. 1866	11 11 11	1 5 2	M M M	1. 25 1. 33 1. 42	44 44 66	11 × 25,
Jan. 1855	12 12	1	M	. 80 . 80	44	66		11	1	М	1.50	"	44
July 1855 Jan. 1856	12 12	2 4	M	. 80 . 80	64	44	Average	11	9	М	1.36	8.6	44
July 1856 Jan. 1857	12 12	5 6	M	. 80 . 80	44	46	July 1866	11	1	Я	1.25	11	46
July 1857	12	6	M	. 80	64	11		11 11	3 1	Д ∤	1.33 1.35	44	6.6
Jan. 1858	12	6	M	. 75	6.6	44		11 11	1	$\frac{\pi}{M}$	1, 38 1, 42	44	44
	12	4	M	. 80	44	44	i	11 11	1	$\frac{\pi}{\pi}$	1. 45 1. 50	**	66
Average	12	10	M	. 77	6.6	66	Average	11	9	M	1. 37	44	44
July 1858	12	10	M	. 80	66	44	Jan. 1867		- 1	M		44	44
Jan. 1859:	12 12	8 7	М	. 75 . 80	44	44		11 11 11	5	MM	1.33	44	"
Average	12	15	M	. 771	44	44		11	1 1	M M	1. 42 1. 45 1. 50	44	66 61
July 1859	12 12	8 7	M M	. 10	44	44	Average	11	9	M	1.40	41	46
Average	12	15	М	. 771	4 4	6.6	July 1867	11 11	1 5		1.33 1.38	66 66	66
Jan. 1860	12 12	10	M		16	66 66		11 11	1 2	M	1, 42 1, 50	64	44
Average	12	11	м	. 751		46	Average	11	9	М	1.401	**	**
July 1860	12 12	10	М	.75	14	44	Jan. 1868	11 11	2	M	1. 30	66 66	44 44
Average	12	11	M		6	4.6		11 11 11	1 5 4	M	1. 38		11
Jan. 1861	11	11	M	_	6	64		11	1	M	1. 45	44	44
July 1861 Jan. 1862	11	11	M	. 75	4	44	Average	11	15		1. 50		16

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS-Continued.

CARD STRIPPERS-Continued.

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Payroll of—	Hours per day.	Different employés.	Sex.	Rate of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
July 1868	11 11 11 11 11	1 1 1 1 5 4	M M M M M	\$1.00 per 1.25 " 1.30 " 1.33 " 1.38 " 1.42 "	day.	July 1872	11 11 11 11 11	1 8 5 4 1	M M M M M	\$1.38 1.42 1.45 1.50 1.54	per	day.
	11	î 1	M	1.45 "	66	Average	,	19	M	1. 45	"	**
Average	11	15	м	1. 36	**	Jan. 1873	11	3 4	M	1. 25 1. 30 1. 75	66	66 66 66
Jan. 1869	11 11 11	1 1 1	M M M	1.00 " 1.25 " 1.30 "	66 66		11 11 11	1 6 2	M M M	1. 40 1. 50	11	14
	11 11	7.4	M M	1. 38 44 11 11 11 11 11	66 66	Average	11	16	M	1.351	"	66
Average	11	1 15	M	1.50 "	44	July 1873	11 11 11	1 1 3	M M M	1.00 1.10 1.20	11	66
July 1869	11 11 11 11	1 1 1 7	M M M M	1.00 " 1.25 " 1.30 " 1.38 "	66 66 66		11 11 11 11 11 11	2 3 2 1 2	M M M M M	1. 25 1. 30 1. 35 1. 40 1. 45	6 C 6 C 6 C 6 C 6 C 6 C 6 C 6 C 6 C 6 C	66 66 66 66
	11	3 1 1	M M M	1.42 " 1.45 " 1.58 "	"	Average	11	1 16	M	1. 50		
Average	11	15	M	1.361 "	6.6	Jan. 1874	11	2	M	1.00		4.6
Jan. 1870	11 11 11 11 11 11 11	1 1 2 5 1 3	M M M M M M M	1. 02 11 1. 25 14 1. 33 14 1. 35 14 1. 38 16 1. 40 14 1. 42 14 1. 58 16	66 64 66 66 66		11 11 11. 11. 11 11 11	2 2 2 1 1 2 1 1	M M M M M M M M	1. 15 1. 20 1. 25 1. 30 1. 33 1. 35 1. 40 1. 45 1. 50	16 16 16 16 16 16 16 16 16 16 16 16 16 1	66 66 66 66 66
Average	11	15	M	1.361 "	6.6	Average	11	16	M	1. 26		44
July 1870	11 11 11 11 11 11 11 11	1 1 2 1 5 2 1 1	M M M M M M M M	1. 08 " 1. 25 " 1. 33 " 1. 35 " 1. 38 " 1. 40 " 1. 42 " 1. 47 " 1. 58 "	66 66 66 66 65 66 66	July 1874	11 11 11 11 11 11 11 11	1 1 2 3 1 2 3 1	M M M M M M M M M	1. 00 1. 05 1. 10 1. 15 1. 20 1. 25 1. 30 1. 35 1. 40 1. 50	11 14 14 14 14 14 14 14 14 14 14 14 14 1	66 68
Average	11	15	M	1.36½ "	66	Average	11	16	м	1.24	- "	44
Jan. 1871	11 11 11 11 11 11	1 1 2 8 1 6	M M M M M	1. 25 " 1. 35 " 1. 38 " 1. 42 " 1. 45 " 1. 50 " 1. 43 "	66 66	Jan. 1875	10 10 10 10 10 10 10	3 1 1 4 2 3 2	M M M M M M	1. 00 1. 10 1. 15 1. 20 1. 25 1. 35 1. 40	44 64 64 64 66	66 66 66 66
July 1871	11	1	м	1. 25 "	4.6	Average	10	16	M	1. 21	- 1 "	66
	11 11 11 11	1 9 2 6	M M M M	1. 37 " 1. 42 " 1. 45 " 1. 50 "	66 66 66	July 1875	10 10 10 10	2 3 1 2	M M M	1,00 1,10 1,15 1,20	66 66 66	66
Average	11	19	M	1. 431 "	*5		10	2 2	M	1, 25 1, 30	44	6.6
Jap: 1872	11 11 11 11 11	1 1 10 2 4	M M M M	1. 25 " 1. 38 " 1. 42 " 1. 45 " 1. 50 "	66 66 66	Average	10	16	M M M	1. 35 1. 40 1, 22		
	ii	1	M	1.54 "	**	Jan. 1876	10	3	M	1.00	66	4.6
Average	11	19	M	1.431 "	4.6	11	10	2] M	1.15	**	**

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS-Continued.

CARD STRIPPERS-Continued.

												_	
Payroll of—	Hours per day.	Different employés	Sex.	Rate	e of	wages	Payroll of	Hour per day.	Different employés	Sex.	Rat	e of	wages.
Jan. 1876- conc'd.	10 10 10 10	2 1 2 3	M M M M	\$1. 20 1. 25 1. 30 1. 40	Pei	r day.	Jan. 1880	10 10 10 10	2 1 1 6	M M M M	\$0.80 .90 .92 1.00	pe	
Average	10	16	M	1, 19	44	1.0	Average	e 10	10	M	. 94	"	
July 1876	,10 10 10 10	1 2 1 2 2	M M M M	. 90 1. 00 1. 05 1. 10	4 6 4 6 4 6 4 6	66 66 66	July 1880	10 10 10 10	2 1 1 6	M M M M	. 80 . 85 . 92 1. 00	66 66 86	66 66 64
	10 10	2 3	$\frac{\tilde{n}}{M}$	1. 15 1. 20	11	44	Average	10	10	M	. 931	"	46
	10 10 10 10	3 1 1 1 2	M M M	1. 25 1. 30 1. 35 1. 40	44	66 46 46	Jan. 1881	10 10 10	2 1 8	M M M	. 80 . 92 1. 00	46	6 E
Average	10	16	м	1.17	44	4.6	Average	10	11	М	. 95½	"	46
Jan. 1877	10 10 10	1 5 2	М М М	. 85 1. 00 1. 15	66	66 64	July 1881	10 10 10	2 1 8	M M M	. 80 . 92 1. 00	,,	ff .
	10 10	3 2	M	1. 20 1. 25	66	66	Average	10	11	М	. 951	44	44
Average	10 10 10	2 1 16	M M	1. 35 1. 40 1. 14 ¹ / ₂	46	66	Jan. 1882	10 10 10 10	1 1 5 4	M M M M	.75 .80 .85 1.00	66 66	66 66 66
July 1877	10	1	м	. 90	44	44	Average		11	M	. 89		11
ouly lovi	10 10 10 10 10 10 10	5 2 1 2 1 1 2	M M M M M M M	1.00 1.10 1.15 1.20 1.25 1.30 1.35 1.40	44 44 44 44	66	July 1882	10 10 10 10 10	1 3 1 2 4	M M M M M	.75 .80 .85 .90 1.00	44 44 44 44	44 44 45 44
Average	10	16	м	1. 141	14	44	Jan. 1883	10	i	м	. 75	44	"
Jan. 1878.	10			-	6.6	"		10	3	М	1.00	44	44
oan. 1070.	10 10 10 10	2 4 1 1 1	M M M M	. 90 1. 00 1. 05 1. 10 1. 15	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	66 66	Average July 1883	10 10 10	4 1 3	M M M	. 75 1. 00		66
	10 10	1	M M	1.20 1.30	44	6.6	Average	10	4	M	$.93\frac{1}{2}$	14	44
Average	10	16	M	1. 35	66	66	Jan. 1884	10 10	1 3	M M	. 80 1. 00	66	66
July 1878	10	10	M	. 80	**		Average	10	4	M	. 95	16	66
	10 10 10	2 5 1	M M M	. 90 1. 00 1. 15	44 44	66 68	July 1884	10 10	1 3	M M	. 80 1. 00	46	44
	10 10	3 2	M	1.20 1.25	44	6.6	Average	10	4	M	. 95	6.6	44
Average	10	2	M	1.40	"	66	Jan. 1885 July 1885	10 10	4 4	M	1.00 1.00	44	44
Jan. 1879	10	2	M M	1. 10½ . 80	66	66	Jan. 1886 July 1886	10	4	M	1.00 1.00	66	66 66
2010	10 10	1 7	MM	. 80 . 92 1. 00	16	11	Jan. 1887 July 1887	10	3		1.00 1.00	66	66
Average	10	10	M	. 95	**	44	Jan. 1888	10 10		M M	. 80 1. 00	66	"
July 1879	10 10	2	MM	. 80 . 85	66	66	Average	10	4	M	. 95	66	44
A ====================================	10 10	6	M M	. 92 1. 00	"	66	July 1888	10 10		M M	. 80 1. 00	££	66 86
Average	10	10	M	, 93 1	4.6	46	Average	10	4	м	. 95	66	44

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS-Continued.

CARD STRIPPERS-Concluded,

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	rages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages	l.
Jan. 1889	10 10 10	1 2	M M M	\$0.80 1.00 1.10	per	day.	July 1890	10 10	4 1	M M	\$1,00 1.10	per	day.	
Average		4	М	. 97	14	"	Average	10	5	М	1.02	44	66	
July 1889	10 10 10	1 2 1	M M M	.80 1.00 1.10	16 , 24 55	46 66	Jan. 1891	10 10	4	M M	.1.00 1.10	46	66	
Average		4	M.	. 971	44	**	Average	10	5	М	1.02	64	44	
Jan. 1890	10 10	4 1	M M	1.00 1.10	44	66	July 1891	10 10	4	M M	1.00 1.10	44	66	
Average	10	5	M	1.02	44	61	Average	10	5	M	1.02	44	44	

CARPENTERS.

Jan. 1840	14 14	2 3	M M	1.17 1.25		day.	Jan. 1845 conc'd.	14 14	2 1	M M	1. 25 1. 58	per	day.
	14	1	M	1. 67	44	44	Average	14	7	м	1.231	44	64
\mathbf{A} verage	14	6	M	1. 291	64	66	July 1845	14	1	M	1.00	64	44
July 1841	14	2 2	M	1.17	44	44	July 1040	14	1	M	1.10	44	**
-	14	2	M	1. 25	44	66	1	14	4	M	1.17	44	66 1
	14	1	M	1.30	66	44		14	3	M M	1.25	66	66
	14	1	M	1.67				14 14	1	M	1.33 1.58	44	44
Average	14	6	M	1.30	44	66	Average	14	11	M	1. 22		4.1
Jan. 1842	14	2	M	1.25	4.6	44	Avoingo	14	**		1.22		
7012	14	2 1	M	1.33	4.6	66	Jan. 1846	14	1	M	1.10	66	6.6
- 1	14	1	M	1.67	44	66	4	14	4	M	1.17		**
. ŀ						64		14	5	M	1. 25	66	66
Average	14	4	M	1.37	44		ll l	14 14	2 1	M	1. 33 1. 67		44
July 1842	14	3	M	1.25	6.6	44	l						
*	14	1	\mathbf{M}	1. 67	ш	44	Average	14	13	M	1.26	íı	16
Average	14	4	м	1.351		44	July 1846	14	1	M	1.10	11	66
		_			ш	11		14	1	M	1.17	46	66
Jan. 1843	14	8	M	1. 25	44	66		14 14	5 5	M	1. 25 1. 33	44	
	14	1	M	1.67									
Average	14	4	M	1.351	6.6	44	Average	14	12	М	1. 263	11	44
July 1843	14	1	M	1.10		4.6	Jan. 1847	14	1	M	1.10	4.6	4.6
J 4010	14	Î	M	1. 17		44	1	14	2	M	1.17	14	4.6
ı	14	ï	M	1.33	6.6	4.6	ì	14	3	M	1, 25	1.6	4.6
	14	1	M	1.50	66	44	i	14	9	M	1.33	11	44
Average	14	4	M	1. 271		46	i	14	1	M	1.50	. "	**
Average	14	*	100	1. 219			Average	14	16	M	1.29	4.6	66
Jan. 1844	14	1	M	1.10	44	4.6					1		66
_	14	1	M	1.17	11	46	July 1847	14	1	M	1.10	4	44
	14	2	M	1. 25	46	**	1	14 14	$\frac{1}{2}$	M	1.17	ii.	66
- 1	14	1	M	1.50	•••		1	14	9	M	1. 33		66
Average	14	5	M	1. 251	**	66	il .	14	2	M	1.42		8.6
				1				14	3	M	1.50	4.6	66
July 1844	14	1	M	1.10	44	46		7.1	18	M	1, 34	" "	66
1	14	2	M	1.17	44	66	Average	14	18	M	1. 34		
i	14	2 1	M	1.25 1.33		46	Jan. 1848	14	1	м	1.10	14	"
	14 14	i	M	1.58	4.6	44	Oan. 1040	14	4	M	1. 25	4.6	4.6
Į.	14	+		1,00			il	14	5	M	1.33	4.6	4.6
Average	14	7	м	1.261	4.6	44	1	14	1	M.	1.42	6.6	6.6
	7-1			-			H	14	₽	M	1.50	44	46
Jan, 1845	14	1	M	1.10	6.6	64	I	14	1	M	1.58	•••	••
	14	1	M	1.12	44	66		# 11	1.4	M	1, 34		44
	14	2	M	1.17	48	**	Average	1 4	14	141	1 1,04		

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

CARPENTERS -Continued.

			,				·				
Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.
July 1848	14 14 14 14 14	1 5 2 3 1	M M M M	\$1. 10 1. 33 1. 42 1. 50 1. 58	per day.	Jan. 1853	12 12 12 12	1 3 2 3	M M M M	1. 42	per day.
Average	14	12	M	1.39	44 44	Average	12	9	М	1. 38	46 66
Jan. 1849	14 14 14 14 14 14	1 1 3 2 1	M M M M M	1. 10 1. 25 1. 33 1. 42 1. 50 1. 58	66 66 66 66 66 66 66 66	July 1853	12 12 12 12 12 12 12 12	1 1 2 1 2 2 2	M M M M M M	1.00 1.17 1.25 1.33 1.47 1.50 1.58	11 11 11 11 11 11 11 11 11 11 11 11 11
Average	14	9	M	1.36	"	Average	12	10	M	1.37	и "и
July 1849	14 14 14 14 14	1 1 4 1 3	M M M M	1. 10 1. 25 1. 33 1. 42 1. 50	64 66 64 66 66 66 66 66	Jan. 1854	12 12 12 12 12 12 12 12	1 3 2 1 2 1 2	M M M M M M M	1. 17 1. 25 1. 33 1. 42 1. 50 1. 58 1. 67	44 14 44 44 44 44 44 44 44 44 44 44 44 4
Average	14	10	М	1.36	" "	Average	12	12	М	1.41	ee te
Jan. 1850	14 14 14 14 14	1 2 5 1	M M M M	1. 10 1. 25 1. 33 1. 42 1. 50	65 66 6 65 66 6 65 66 6	July 1854	12 12 12 12 12	1 1 2 1 3	M M M M	1. 17 1. 25 1. 33 1. 42 1. 50	11 11 11 11 11 11 11 11 11 11 11 11 11
Average	14	10	M	1.311	16 46		12 12	3 1	M M	1.67 1.75	tt tt
July 1850	14 14 14 14 14	1 1 3 2 1	M M M M	1. 10 1. 25 1. 33 1. 42 1. 50 2. 00	66 66 66 66 66 66 66 66	Average Jan. 1855	12 12 12 12 12 12	1 13 .1 .1 .1	M M M M	1.83 1.50 ¹ / ₃ 1.17 1.33 1.42	66 66 66 66
Average	14	9	M	1. 41	66 66		12 12	5	M M	1.50 1.58	11 11 12 41
Jan. 1851	14 14 14 14 14	1 1 2 3 1	M M M M	1. 10 1. 25 1. 33 1. 42 1. 50	61 66 61 64 61 64 61 64	Average	12 12 12 12	5 1 1 16	M M M	1.67	11 11 11 11
	14	1	M	2,00	*	July 1855	12 12	2	M M	1. 25 1. 33	64 CC CE EC
Average July 1851	14 14 14 14	9 1 2 6	M M M	1. 10 1. 25	66 66 66 66 66 66		12 12 12 12 12	3 3 2 4	M M M M	1. 42 1. 50 1. 58 1. 67	44 44 46 44 46 46
	14 14	3 1	M	1. 42	16 68	Average	12	15	M	1. 491	e c ct
	14	ī	M	1.75		Jan. 1856	12 12	2 3	M	1.25 1.33	11 11
Average	14	14	M	1.00		,	12 12	1 2	M	1. 42 1. 50	16 16
Jan. 1852	12 12 12 12	1 2 1 3	M M M M	1. 33 1. 42	66 66 66 66 66 66		12 12 12	1 2 1	M	1. 58 1. 67 1. 75	66 66 66 66
Average	12	7	м	1.381		Average	12	12	M	1,403	
July 1852	12 12 12 12 12 12 12	1 1 1 2 3 1	M M M M M	1. 25 1. 33 1. 42 1. 50	44	July 1856	12 12 12 12 12 12 12	2 1 3 1 1 2	M M M	1. 42 1. 50 1. 58 1. 63 1. 67	66 66 66 66 66 64 66 64 66 44 66 44
Average	12	9	M	1.41	45 46	Average	12	12	м	1.54	44 44

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS-Continued.

CARPENTERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of ·	wages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of	wages.
Jan. 1857	12 12 12 12 12 12	1 1 1 2	M M M M M	\$1. 25 1. 33 1. 42 1. 50 1. 63	44 44	day.	July 1862	11 11 11 11	1 5 1 2	M M M M	\$1.33 1.50 1.67 1.83	per	day.
	12 12	2 2	M	1. 67 1. 75	44	11	Average	11	9	M	1.57	64	44
Average	12	10	М	1. 54	"	**	Jan. 1863	11 11	3	M	1.83 1.50	44	14
July 1857	12 12	3 1 3	M	1.50 1.63 1.75	11	11		11 11	1 2	M	1. 67 1. 83	44	66
Average	12	7	M	1. 62		4.6	Average	11	9	M	1.531		44
Jan. 1858	12 12 12	2 1 2	M M M	1. 50 1. 63 1. 75	64 64	66 66	July 1863	11 11 11 11 11	2 1 1 2 1	M M M M	1. 33 1. 42 1. 50 1. 67 1. 75	44 44 44	66 66 66
Average	12	5	M.	1. 62	•	44	i	11	2	M	1.83		66
July 1858	12 12 12	2 1 1	M M M	1.50 1.58 1.75	6.6 6.6	6 4 1 6 6 8	Average		9	м	1.59	**	"
Average		4	м	1.58	. "	64	Jan. 1864	11 11 11	1 4 1	M M M	1.50 1.67 1.75	11	44
Jan. 1859	12 12 12 12	1 2 1 1	M M M M	1, 25 1, 50 1, 58 1, 75	68 68 61	61 46 46	į	11 11 11 11	2 2 1 2	M M M M	1.83 2.00 2.25 2.50	44	66 66 66
Average	12	5	М	1. 51		**	Average	11	13	м	1. 91	u	**
July 1859	12 12 12 12 12 12	1 3 1 1	M M M M	1. 25 1. 50 1. 56 1. 58 1. 75	14 14 41	64 64 64	July 1864	11 11 11 11 11	3 1 1 1 3	M M M M	1. 67 1. 83 2. 00 2. 25 2. 50	66 66 68 - 68	44 44 44 44
Average	12	7	М	1.52		66	Average	11	9	M	2.06	"	**
Jan. 1860	12 12 12 12 12	2 3 2 1	M M M M	1. 25 1. 50 1. 58 1. 75	66 66 66	C E E E E E	Jan. 1865	11 11 11 11 11	1 1 1 3 3	M M M M	1. 46 1. 50 1. 75 1. 83 2. 00	64 64 64	66 66 61
Average	ì	8	М	1. 49	66	44		11 11	1 1	M	2. 25 2. 50	11	**
July 1860	12 12 12 12	2 3 2 1	M M M M	1. 25 1. 50 1. 58 1. 75	6 6 6 4 6 6	11 11	Average July 1865	11	11	M M	1. 90½ 1. 75		**
Average		8	М	1.49		66		111	1 5	M	1, 83 2, 00	66	f f f f
Jan. 1861	11 11 11	1 3 2	M M M	1.17 1.50 1.67	66 66	66 66		11 11 11	1 2 1	M M M	2. 17 2. 25 2. 75		66
	11	1	M	1.83	- "	44	Average		11	M	2.09	44	16
Average	1	7	M	1.55	11	**	Jan. 1866	11	1 1 7	M M M	1.75 1.83 2.00	46	66
July 1861	11 11 11 11	1 3 2 1	M M M M	1. 17 1. 50 1. 67 1. 83	44 44	**		11 11 11 11	1 2 1 1	M M M M	2. 17 2. 25 2. 50 2. 75	"	6 6 4 6 6 6
Average	11	7	M.	1.55	11	66	Average		14	M	2. 10		44
Jan. 1862	11 11 11 11	1 3 2 1	M M M M	-1. 33 1. 50 1. 67 1. 83	16 46 46	66 64	July 1866	11 11 11 11	1 1 1 1	M M M	1. 83 2. 00 2. 17 2. 25	6 6 6 6 6 6	54 66 66
Average	11 1750	,		1,57 46	£ 4	4.6	ii.	ii	1 2	M	2.50	**	44

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS-Continued.

CARPENTERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate o	f wages.	Payroll of—	Поштя рег day.	Different employés.	Sex.	Rate	of	wages.
July 1866-	11 11		M M	\$2, 75 p	er day.	Jan. 1870- conc'd.	11 11	1 1	M M	\$2.75 3.00	per	day.
Average	11	8	м	2. 371		Average	11	20	М.	2. 18		"
Jan. 1867	11- 11- 11- 11- 11- 11- 11- 11-	1 1 3 1 4 4 1 1	M M M M M M M	1. 75 1. 83 2. 00 2. 17 2. 25 2. 50 2. 75 3. 00	6 46 6 46 6 66 6 66 6 66	July 1870	11 11 11 11 11 11	1 4 4 5 4 1 1	M M M M M M	1. 67 1. 75 2. 00 2. 25 2. 50 2. 75 3. 00	66 66 66 66	44 44 45 44 46 46
Average	11	16	M	2.28	4.6	Average	11	20	M	2.181	61	"
July 1867	11 11 11 11 11 11	1 1 4 5 4	M M M M M	1.75 1.83 1.2.00 1.2.95 1.2.50 1.2.75 1.2.75	6 66 5 68 6 46 6 46	Jan. 1871	11 11 11 11 11 11	3 5 4 2 1	M M M M M	1. 75 2. 00 2. 25 2. 50 2. 75 3. 00	66 66 66	46 66 66 66 66
	11	ĩ	M	3.00		Average	11	18	M	2. 28	4.6	"
Average Jan. 1868	11 11 11 11 11	17 1 2 4 5 1	M M M M M	2. 27 4 1. 50 4 1. 83 4 2. 00 4 2. 25 4 2. 33 4	£ &£ £ &£ £ £;	July 1871	11 11 11 11 11	. 3 5 4 2	M M M M M	1. 75 2. 00 2. 25 2. 50 2. 75 3. 00	66 66 66	66 66 66 66
	11	2	M M	2. 50 ° 2. 75 °		Average	11	18	M	2. 28	t t	"
Average July 1868	11 11 11 11	1 17 1 1 2 1	M M M M M	2. 20½ ' 1. 50 1. 83	44 44 44 45	Jan. 1872	11 11 11 11 11 11	2 3 4 6 2	M M M M M M	1. 75 2. 00 2. 25 2. 50 2. 75 3. 00	11 21 21 21 21	66 66 66
. F	11	1 7	M	2. 00 2. 17 2. 25	46	Average	11	18	м	2.331	"	66
Average	11 11 11 11 11 11	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M	2. 23 2. 50 2. 75 3. 00	66 66 64 66	July 1872	11 11 11 11 11 11	2 3 4 5 5 1	M M M M M	1. 75 2. 00 2. 25 2. 50 2. 75 3. 00	66	66 64 65 46 46
Jan. 1869	11	1	м	1.50		Average	11	18	M	2. 341	41	64
	11 11 11 11 11 11	1 1 6 1 3	M M M M M M	1. 67 2. 00 2. 25 2. 33 2. 50 2. 83 3. 00	41 41 44 44	Jan. 1873	11 11 11 11 11	2 5 4 4 3	M M M M M	1. 75 2. 00 2. 25 2. 50 2. 75	66 66 66	66 66 66
Average	11	15	<u>M</u>	2. 29	44	Average	11	18	M	$2.26\frac{1}{2}$	11	**
July 1869	11 11 11 11 11	1 1 1 6 1 3	M M M M M	1.50	64 64 65	July 1873	11 11 11 11 11 11	1 2 5 4 4 2	M M M M M M	1. 50 1. 75 2. 00 2. 25 2. 50 2. 75	66 64 65 66	66 66 66 66
	11 11	1	M M	2, 83	11	Average	11	18	М	2. 191	16	44
Average	11	15	M	2. 29		Jan. 1874	11 11	1 3	M M	1, 50 1, 75	4.6	46
Jan. 1870	11 11 11 11	1 4 4 5	M M M M	1. 67 9 1. 75 9 2. 00 9 2. 25 9	44		11 11 11 11	6 4 2 2	M M M M	2. 00 2. 25 2. 50 2. 75	66 64 66	44
ı	11 }	4	\mathbf{M}_{-1}	2.50	"	Average	11	18	M	2.121	44	ī.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

CARPENTERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.	Payroll of—	Hours per. day.	Different employés.	Sex.	Rate	ofv	vagos
July 1874	11 11 11 11 11 11	1 1 1 6 4 5	M M M M M	\$1.50 1.75 1.80 2.00 2.25 2.50	per	day.	Jan. 1879	10 10 10 10 10 10	2 1 2 4 4 1	M M M M M	\$1.35 1.50 1.75 1.90 2.00 2.70	per	day.
Average	11	18	М	2.14	44	**	Average	10	14	M	1.851		14
Jan. 1875	10 10 10 10 10	· 1 10 10 15 5	M M M M	1.75 1.80 2.00 2.25 2.50	66 66 66	£ 6 £ £ £ £ 6 £	July 1879	10 10 10 10 10 10	2 1 2 5 3.	M M M M M	1.35 1.50 1.75 1.90 2.00 2.70	44 44 44 44	66 66 66 66
Average		18	M	2, 13			Average	10	14	M	1.85		11
July 1875 •	10 10 10 10 10 10	2 1 9 2 3 1	M M M M M	1, 75 1, 80 2, 00 2, 25 2, 50 2, 75	66	66 66 66 61 61	Jan. 1880	10 16 10 10 10 10	. 2 1 2 5 3	M M M M M	1. 35 1. 50 1. 75 1. 93 2. 00 2. 70	66 66 64 64	44 44 44
Average	10	18	М	2. 111			A.verage		14	M	1.85		**
Jan. 1876 Average	10 10 10 10	7 7 2 2 2 18	M M M M	1.75 2.00 2.25 2.50 1.98½	6 E 6 E 6 E 6 E	66 66 66	July 1880	10 10 10 10 10	2 1 2 6 2	M M M M	1. 35 1. 50 1. 75 1. 90 2. 00	11 11 11	16 16 16 16
July 1876	10	2	м	1.50	44	16		10	, 1	M	2.70		
Average Jan. 1877	10 10	18 17 18	M M M M M	1.75 2.00 2.25 2.50 1.98½ 1.50 1.75	11	46 44 44 44	Aver a ge Jan. 1881	10 10 10 10 10 10 10	14 2 1 2 1 8 2 1	M M M M M M M	1.84 1.35 1.59 1.75 1.80 1.90 2.09 2.70	66 66 67 68	46 46 46 46 46 44 46
	10 10 10 10	1 7 1	M M M M	1.80 2.00 2.33 2.50	66	66 - 66 66	A vera z e July 1881	10	17 2 1	M M M	1. 84 1. 35 1. 50	£ £	"
Average	10	18	M	1. 91	6.5	4.6		10 10	2	M	1. 75	66	11
July 1877	10 10 10 10	1 4 1 1	M M M	1. 50 1. 75 1. 80 1. 87	66 66 61	66 66 66		10 10 10	2 1	M M M	1. 90 2. 00 2. 70		66 61 54
	10 10	9	M	2, 00 2, 25	**	11	Average		17	M	1.84	2	
Average	10	18	M	2.75 1.95½		11	Jan. 1882	10 10 10 10	5 1	M M M	1. 59 1. 75 1. 75 1. 80	11	
Jan. 1879	10 10 10 10 10	1 8 2 6 1	M M M M M	1. 50 1. 75 1. 80 2. 00 2. 75	66	66 66		10 10 10 10	6 4 1 1	M M M M	1. 90 2. 00 2. 25 2. 70	66 66 16	66 66 68
Average	10	18	M	1.88	4.4	4.6	Average		24		1.81		64
July 1878	10 10 10 10 10 10	3 1 3 1 1 8	M M M M M M	1.50 1.67 1.75 1.80 1.87 2.00 2.75	66	4 6 4 6 4 6 4 6 4 6 4 6 4 6 4 6 4 6 4 6	July 1882	10 10 10 10 10 10 10	2 4 5 1 6 4 1	M M M M M M M M	1, 35 1, 50 1, 75 1, 80 1, 90 2, 25 2, 70	6 6 6 6 6 6	66 66 66 66

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

CARPENTERS—Continued.

						ABPENIE	ns-Contint	iea.					
	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	e of	wages.
y .	Jan. 1883	10 10 10 10 10 10 10 10	1 1 5 1 6 2 1 1	M M M M M M M	\$1.35 1.50 1.75 1.80 1.90 2.00 2.70 3.00	per day.	Jan. 1887	10 10 10 10 10 10 10	1 5 11 3 1 1	M M M M M M	\$1.35 1.75 1.90 2.00 2.70 3.00	Pe:	r day.
	Average	10	18	M	1. 911	66 66	July 1887	10	1	м	1, 35	46	44
	July 1883	10 10 10 10 10	1 1 .5 1 6	M M M	1. 35 1. 50 1. 75 1. 80 1. 90	44		10 10 10 10 10	5 11 3 1	M M M M	1.75 1.90 2.00 2.70 3.00	84 65 66	44 44 44
	. !	10 10	1	M	2. 00	14 11	Average	10	22	M	1.94	44	44
	Average Jan. 1884	10 10 10 10 10	18 18 1 1 4	M M M M	1. 91½ 1. 35 1. 50	16 66 16 66 16 66 16 66	Jan. 1888	10 10 10 10 10 10	1 2 9 2 1	М М М	1. 35 1. 75 1. 90 2. 00 2. 70 3. 00	11	11 11 11
		10 10	5 2	M	1.75	66 66	Average	10	16	M	1.98	**	**
	A wore re	10	1	M	2, 00 2, 70 3, 00	11 11	July 1888	10 10 10	1 2 9	M M M	1.35 1.75 1.90	46	££
	Average July 1884	10	15	M M	1.931	44 44		10	2	M	$\frac{2.00}{2.70}$	44	66
•	diy 1004	10 10 10	1 - 4 5	M M M	1. 35 1. 50 1. 75 1. 90	11 41	Average	10	16	M.	1. 98	44	"
		10 10 10	2 1 1	M M M	2. 00 2. 70 3. 00	66 66	Jan. 1889	10 10 10 10	1 2 8 2	M M M	1. 35 1. 75 1. 90 2. 00	66 66	4 ,
	Average	10	15	М.	1. 93½	66 86		10	1	MM	2.70 3.00	"	£ £
•	Jan. 1885	10 10 10 10	1 4 5	M M M	1.35 1.75 1.90	12 04 14 64 15 16	Average	10	15	М	1. 98½	"	"
	•	10 10	2 1 1	M M	2, 00 2, 70 3, 00	66 66	July 1889	10 10 10 10	*1 8 2	M M M	1. 35 1. 75 1. 90 2. 00	11 11 11	66 64 64
į	Average July 1885	10	14	M M	1.97 1.35	66 66 66 46		10 10	1	M	2.70 3.00	64	44
		10 10 10	4 5 2	M M	1.75 1.90	11 41	Average	10	15	- 1	1.981	"	14
		10 10	1	M M M	2. 00 2. 70 3. 00	44 44	Jan. 1890	10 10 10 10	1 1 6 2	M	1.35 1.75 1.90 2.00	66 66	44 44
	Average	10	14	M.	1.97	41 66		10	1	M	2. 70 3. 00	**	66 EE
٠	Гап. 1886	10 10 10	1 4 6	M M M	1. 35 1. 75 1. 90	66 66 64 66	Average	10	12		2.011	ıı	"
		10 10 10	2 1 1	M M M	2, 00 2, 70 3, 00	66 66 66 66	July 1890	10 10 10	1 1 6	Л	1. 35 1. 75 1. 90	11 66 46	11 11
1	Average	10	15	M	1.961	** **		10 10	2 1	M	2. 00 2. 7.0	11	11
U	uly 1886	10 10	1 4	M M	1. 35 1. 75	66 64 44 86	4	10	1		3.00		
		10	6 2	\mathbf{M}	$\frac{1.90}{2.00}$	14 46	Average	10	12	М	2. 01½		-
	Average	10	1 1 15	M	2.70 3.00 1.961	16 16	Jan. 1891	10 10 10 10	1 2 3 2	M	1. 35 1. 50 1. 75 1. 90	11 11 11	44 44 45

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS-Continued.

CARPENTERS-Concluded.

Payroll of -	Hours per day.	Different employés.	Sex.	Rate	of v	wages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1891- conc d.	10 10 10	5 1 1	M M M	\$2.00 2,70 3.00	per	day.	July 1891- conc'd.	10 10 10 10	3 2 5	M M M	\$1.75 1.90 2.00 2.70	per	day.
Average	10	15	M	1.94	44	44	İ	10	, 1	M	3. 00	**	"
Ĵuly 1891	10 10	1 2	M M	1.35 1.50	44	44	Average	10	15	М	1.94	**	44

CLOTH-ROOM HANDS.

							OM MANIANT						
Jan. 1840 July 1841 Jan. 1842	14 14 14	3 3 3	FFF	. 40	er	day.	July 1848	14 14	1 1	M F	. 45	per "	day.
July 1842	14	5	F	. 40		"	Average	14	2		. 491		
Jan. 1843	14	ĭ	F	. 42	6 6	"	Jan. 1849	14	1 1 2	M	. 38 . 45	44	66
Average	14	4	F	. 408	44	14		14 14	3	F	. 45 . 54	64	44
July 1843	14	, 3	F	. 40	4.4	44	Average	14	7		. 48	4.6	44
Jan. 1844	14 14	1 3	F		44	"	July 1849	14 14	1 3	M F	. 38	44	41
Average	14	4	F	. 381	44	61		14	i	F	. 54	41	te
July 1844	14 14	$\frac{1}{2}$	F		44	4 6 6 6	Average	14	5		. 45 <u>1</u>	**	**
Average	14	. 3	F	. 37½		66	Jan. 1850	14 14	1 1	M M	. 38 . 45	44	44
Jan. 1845	14 14	$\frac{1}{2}$	F	, 38 , 40		44		14 14	3 1	F	. 45 . 54	14	44
Average	14	3	F	. 39½	6.6	4.4	Average	14	6		. 451	t t	**
July 1845	14 14 14	1 1 1	F M F	.38 .40 .40	6 6 6 6	44	July 1850	14 14 14	1 1 1	M F F	. 45 . 45 . 54	66	"
Average	14	3 4		. 39½	14	16	Average	14	3		. 48	44	64
Jan. 1846	14 14 14 14 14	1 1 4 1 3	F M F F	. 38 . 40 . 40 . 46 . 50	66 66 66	44 44 44	Jan, 1851 Average	14 14 14	1 1 1	M F F	. 45 . 45 . 54	66	44
Average	14	10		. 431	44	**	July 1851	14	1	M	. 45	64	44
July 1846	14 14 14	1 1 2	F M F	. 38 . 45 . 45	64 64	44	Sury 1651	14 14	1 1	F	. 45	**	44
Average	14	4		. 431	46	64	Average	14	3		.48	46	44
Jan. 1847	14 14	1 1	F M	. 38	66	44	Jan. 1852	12 12	4 1	F F	. 45° . 54	44	**
` .	14	3	F	.45	44	44	Average	12	5	F	. 47	44	66
Average	14	5		; 43½	**	**	July 1852	12 12	$\frac{1}{2}$	M F	. 45 . 45	44	44
July 1847	14 14	1 4	M. F	. 38	**	46		. 12	1	F	.54		44
Average	14	5		. 43 1	44	44	Average	12	4		. 471		44
Jan. 1848	14 14 14	1 8 2	M F F	. 45 . 45 . 54	44 44 44	64 64 61	Jan. 1853	12 12 12	2 4 2	M F F	. 45 . 45 . 54	44	44
Average	14	6		. 48	66	**	Average	12	8		. 47	"	44

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued. CLOTH-ROOM HANDS—Continued.

			-										
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés		Rate	e of	wages
July 1853	12 12 12	2 4 2	M F F	\$0.45 .45 .54	pe	r day.	Jan. 1860	12 12 12 12	2 3 2 1	M F F	\$0.50 .50 .58 1.00	per "	day.
Average	12	8		. 47½		6.6	Average	12	. 8			46	66
Jan. 1854	12 12	2 5	M F	. 45	46	44		12			. 581	"	"
X.,	12	2	F	. 54	4.6	4.6	July 1860	12 12 13	2 3 2	F F	.50	11	16
Average	12	9		. 47	44	44	1	12	í	ŕ	. 58 1. 00	16	**
July 1854	12 12	2 5	M F	. 45	44	44	Average	12	8		. 58	44	"
	12	2	Ê	. 54	4.6	64	Jan. 1861	11 11	1 3	M F	. 50	66	44
Average	12	9		. 47	64	44		11	1 2	MF	. 50	66	"
Jan. 1855	12 12	2_4	M F	. 45 . 45	44	64	Average	11	7		. 58	44	44
i.	12	2	F	. 54	66	44	3			36	531	.,	11
Average	12	8		$.47\frac{1}{2}$	**	6.6	July 1861	11	1 3	M F	. 50 . 50	"	66
July 1855	12 12	2 4	M F	. 45 . 45	11	64 46		11	1 2	· F	. 58 . 58	16	**
	12	2	F	.54	66	6.6	Average	11	7		. 531	46	44
Average	12	8		$.47\tfrac{1}{2}$	44	44	Jan. 1862	11	1	F	.50	11	46
Jan. 1856	12 12	5 2	F	. 45 . 54	44	44	Average	11	1 2	M	. 58	11	"
	12	2	М	. 92	4.4	66	July 1862	11	1	F	. 54	"	"
Average	12	9		$.57\frac{1}{2}$	44	44	July 1802	11	i	M	. 50 . 58	"	44
July 1856	$\frac{12}{12}$	5 2	F	. 45 . 54	6 6 6 6	64 a	Average	11	2		. 54	44	**
<i>'</i>	12	2	M	. 92	**	4.5	Jan. 1863 July 1863	11	1	M	. 58	11	"
Average	12	9		$.57\frac{1}{2}$	4.6	* *	Jan. 1864	11	2	M F	. 58 . 58	11	"
Jan, 1857	12 12	1 3	M F	. 50 . 50	46	44	0 tabl. 1004	ii	ī	F	. 65	44	44
	12	1	F	. 58	44	44	Average	11	3	F	. 60½	44	**
Average	12	5		. 51½	11	44	July 1864	11	2 1	F	. 58 . 65	64 44	44
July 1857	12 12	1 3	M F	. 50 . 50	66	66	Average	11	3	F	. 601	46	**
A	12	1	F	. 58	44	6.6	Jan. 1865	11	1	F	. 67	44	"
Average	12	5		. 51½	44	**	1000	11	1 1	F	. 81 . 89	11	44
Jan. 1858	12 12	1	M F	. 50 . 50	44	44	Average -	11	3	F	. 79	64	44
A Tromp of	12	3	F	. 58	**	"	July 1865	11	1	F	. 67	"	44
Average	12	5		. 55	£ £	64		11	ī	F	. 81	11	66
July 1858	12	1	M F	. 50 . 50	44	61	Average	11	3	F	.79	61	46
A	12	3	F	. 58	16	"		İ					
Average	12	5 .		. 55	66	44	Jan. 1866	11	6	M F	. 81 . 81	66	44
Jan. 1859	12 12	1 3	M F	. 50	4.6	11		11 11	$\frac{1}{2}$	M F	.00		46
A Venogo	12	3	F		4.6	"	Average	11	10 .		. 831	66	"、
Average	12	7 -		1000	••	"	July 1866	11	1	м	. 91	41	"
July 1859	12 12	3	M F	. 50	44	66		11	6	F	.81	4.6	46
A 7000	12	3	F	. 58	6.6	66		11	2	F .	. 00		11
Average	12	7 1	1	. 53 <u>1</u>	6.4	44	Average	11	10		831	44	44

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of	wages.
Jan. 1867	11 11 11	3 2 2	M F F	\$0. 85 . 85 . 89	per "	day.	Jan. 1873	11 11 11 11	2 2 5 1	M F F M	\$0.83 .83 1.00 1.17	per	day.
Average	11	7		. 86	6.6	**	Average		10		. 95	46	
July 1867	11	3	м	. 85	44	11	July 1873	11	2	м	. 83		44
	11 11	2 2	F	. 85		16	9 tily 1015	11	2 5	F.	1.00	66	44
Average	11	7		. 87		44	`	11 11	1	M	1.17	61	44
Jan. 1868	ìı	3	м	. 85	4.6	44	Average	11	10		. 95	66	н
V	11 11	2 2	F	. 85 . 93	14	"	Jan. 1874	11 11	2 3	M F	. 75 . 75	66 66	44
Average	11	7		. 87½	44	**		11	1	F M	. 90 1, 05	66	44
July 1868	11 11	4.	M F	.85	44	64	Average	11	10		. 84	"	tt
	11	2	F	.93	14	44	July 1874	11	3	M	. 75	11	44
Average	11	7		. 87	"	44		11	3 4	F	.75	44	44
Jan. 1869	11	3	M	.85	£ 1	44		11	1	M	1.00 1.08	"	44
	11	1 1	E M	.85	16	14	Average	11	12		. 85½	**	••
	11	2	F	. 93		"	Jan. 1875	10	2	M	. 75	14	4.6
Average		7		. 883	- **			10 10	5 4	F	.75	11	* *
July 1869	11	3	M F	. 85	4	44		10 10	1	M	1.00 1.10	44	
	11	1 2	F F	. 92		66	Average	<u> </u>	13	,.	. 84		"
Average	11	7		. 881	44	**						"	41
Jan. 1870	11	. 2	м	. 85	**	66 '	July 1875	10	7	M F	75	64	46
	111	3 2	F	. 85	66	66		10 10	1 5	M F	.80		66
Average	11	7		. 87½		44		10 10	1	M	1.00 1.10	16	44
July 1870	11	2	м	. 85	4.6	66	Average	10	16		. 831	4.4	44
	11 11	3 2	F	. 85		44	Jan. 1876	10	6	F	. 70	4.6	6.6
Average	11	. 7		. 871		14		10 10	1 1	M	. 75	44	66
Jan. 1871	11	1	м	. 85	14	66		10 10	4 1	F M	. 80	11	41
	11	2 2	M	. 85	11	66	Average	10	13		.76	6.6	44
	11	. 2	F	. 93		"				F	70		14
Average		7		. 89½		44	July 1876	10	1	M	.70	66	46
July 1871	11 11	1 2	M F	. 85	68	"		10 10	1 4	F	. 80	44	44
	111	$\frac{1}{2}$	M F	. 93	6.6	44		10	1	M	. 90	14	46
Average	11	7		. 891		"	Average	10	13		.76		
Jan. 1872	11	1	M	1.00	44	66	Jan. 1877	10 10	3 7	M F	.70	66	46
	-11 11	3	F M	1.00 1.17	44	66		10 10	3 4	M F	.75	66	44
4	11	1	<u>M</u>	1. 25		"	Average		17		. 72		**
Average		6	3.5	1.07	"	44			2	M	. 70	44	44
July 1872	11	1 3	M F	1.00	"	**	July 1877	10	4 3	F	.70	64	44
	11	1 1	M	1.17 1.25		"		10 10	5	F	.75	4.6	"
Average	11	6		1.07	**	44	Average	10	14	1	. 73		6.6

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued, CLOTH-ROOM HANDS—Continued.

Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of-	Honrs per day.	Different employés.		Rat	of	wages.
Jan. 1878	10 10 10 10	2 7 3 5	M F M F	\$0.70 .70 .75	per	day.	Jan. 1883	10 10 10	1 2 10	M M F	\$0. 70 . 75 . 75	Per	day.
Average	10	17		. 721	4.6	6.6	Average	10	13		. 743	44	45
July 1878	10 10 10	1 5 3 6	M F M F	. 65 . 65 . 70 . 70	66 66 66	66 66 66	July 1883	10 10 10	1 2 10	M M F	. 70 . 75 . 75	44	46 68 64
Average	10	15	F	. 68	66	66	Average	10	13		. 74½	44	44
Jan. 1879	10 10 10	2 4 3	M F M	. 65 . 65 . 70	6 6 6 6	44	Jan. 1884	10 10 10	1 2 12	M M F	.70 .75 .75	44	66 66
ļ	10 10	6 1	F	. 70 . 75	4.6	44	Average	1 l	15		. 74½	64	66
Average	10	16		. 68½	44	"	July 1884	10 10 10	.1 2 12	M M F	. 70 . 75 . 75	44	66 66
July 1879	10 10 10	4 3	F M	. 65 . 65 . 70	44	66	Average	10	15		. 741	64	66
	10 10	6	F	. 70 . 75	66	44	Jan. 1885	10 10 10	1 2 8	M. M F	.70 .75 .75	"	6 6 6 6
Average	10	16		. 681	66	64	Average	10.	11		. 741	44	"
Jan. 1880	10 10 10 10	1 4 4 8	M F M F	.70 .70 .75 .75	14	14	July 1885	10 10 10	1 2 8	M M F	. 70 . 75 . 75	66 64 64	66 66
Average	10	17		. 731	44	44	Average	10	11		. 741	"	46
July 1880	10 10 10 10	1 4 4 8	M F M F	. 70 . 70 . 75 . 75	66 66 68	66 66 64	Jan. 1886	10 10 10 10	1 2 11 1	M M F M	. 70 . 75 . 75 1. 00	66 66 64	16 16 16
Average	10	17		. 731	44	"	Average	10	15		. 761	44	44
Jan. 1881	10 10 10 10 10	1 5 2 7	M F M F M	.70 .70 .75 .75	44 44 44	16 66	July 1886	10 10 10	1 2 11 1	M M F M	.70 .75 .75 1.00	66 66	46 44 46 66
Average	10	16		. 731	••	46	Average	10	15		$.76\frac{1}{2}$	44	46
July 1881	10 10 10 10 10	1 5 2 7	M F M F M	.70 .70 .75 .75	44 44 44 45	16 14 16 18	Jan. 1887	10 10 10 10 10	1 3 13 1 1	M F M M	.70 .75 .75 1.35 1.50	64 64 64 64	44 44 44 44 44 44 44 44 44 44 44 44 44
Average	10	16		. 73\frac{1}{2}	66	44	Average	10	19		. 82	44	44
Jan. 1882	10 10 10 10 10	2 9 2 6	M F M F	.70 .70 .75 .75	44 44 46	64 64 66 66	July 1887	10 10 10 10 10	3 13 1 1	M F M M	75 75 1.00 1.35 1.50	11	46 46 46
Average	10	20		.741	64	44	Average	10	19		. 831	66	44
July 1882	10 10 10 10 10	2 9 2 6 1	M F M F M	.70 .70 .75 .75	44 44 44	4.6 4.6 4.6 4.6	Jan. 1888	10 10 10 10 10 10	2 13 2 3 1 1	M F M M	.75 .75 .80 .90 1.00 1.50	64 64 64 66 66	46 16 66 65
Average	10	20 1.		.741	**	44	Average	10.	22		. 82	44	46

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

CLOTH-ROOM HANDS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
July 1888	10 10 10 10 10 10	1 13 2 3 2 1	M F M M M	\$0.75 .75 .80 .90 1.00 1. 50	per	day.	July 1890	10 10 10 10 10 10	1 16 3 2 1 1 2	M F M F M	\$0.72 .72 .75 .90 .90 1.00	per	day,
Average	10	22		. 83	**	**		10	1	M	1. 25 1. 35	44	44
Jan. 1889	10 10 10	1 13 2	M F M	75 . 75 1, 00	16	41 44	Average	10	29	M.	2,00	6.6	44
	10 - 10 10	1 1	F M M	1.00 1.25 1.55	66	4 6 6 4 4 4	Jan. 1891	10 10: 10:	2 16 1	M F M	.72 .72 .72	11	6 E 6 E 6 E
Average	. 10	20		. 86½	6.6	4.4		10 10 10	. 3	F M	.90	44	64
July 1889	10 10 10 - 10 - 10 - 10	1 13 2 2 1 1	M F M F M	. 75 . 75 1. 00 1. 00 1. 25 1. 55	66 66 66	16 66 16 16		10 10 10 10 10	1 2 1 1	F M F M	1.00 1.22 1.22 1.32 2.00	66 66 66	4 6 6 6 6 6 6 6 6 6
Average		20		. 861		ú	Average	10	31		. 89	4.6	4.6
Jan. 1890	10 10 10 10 10 - 10 10 10	1 12 4 1 2 1 1	M F M M M M M	.72 .72 .75 .90 1.00- 1.25 1.35 2.00	66 66 66 66 66 66	64 65 86 86 86 86	July 1891	10 10 10 10 10 10 10 10 10	2 15 3 2 2 1 2 1	M F M F M F M M	. 72 . 72 . 90 . 90 1. 00 1. 22 1. 22 1. 32 2, 00	66 66 66	64 64 64 64 64 64
Average	10	24		. 87		66	Average	10	31		. 891	44	4.6

DOFFERS.

	٠							, , ,					
Jan. 1856	12 12 12	4 3 17	M M M	. 25 . 30 . 33	per 	day.	July 1858	12: 12: 12:	13 4 1	M M F	. 25 . 33 . 33	per	day.
Average	12	24	М	. 311	6.6	.,	Average	12	18		. 27	41	**
July 1856	12 12 12	1 4 28	M M M	. 25 . 30 . 33	4.4 6.6	6.6 6.4 6.4	Jan. 1859	12 12: 12:	9 3 1	M M F	. 25 . 33 . 33	4 4 4 4	44 66 66
Average	12	. 33	M	. 321	64	64	Average	12	13		. 271	14	"
Jan. 1857	12 12	4 21	M M	. 30 . 33	66	61	July 1859	12. 12	21 1	M	. 25	66	66
Average	12	25	M	. 321	44	44		12: 12:	1 1	M	.30	66	66
July 1857	12 12 12 12	1 1 22 1	M M M F	. 25 . 30 . 33 . 33	44 44 44	66 66 66	Average	12 12	2 1 27	F M	. 33 . 38 261	66	46
Average	12	25		. 32½	**	44	Jan. 1860	12 12	2 22	M	. 25 . 30	44	44
Jan. 1858	12 12 12	1 2 19	M M M F	. 25 . 30 . 33 . 33	64 64 64	66 46 46		12 12 12 12 12	1 1 1 2	F M F M	.30	66 66	66 66 66
. Average	12	24	F	. 321	"	14	Average				. 30	44	44

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued,

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued. DOFFERS—Continued.

July 1860 12 3 M \$0.25 per day. Jan. 1867 11 4 F \$0.40 12 21 M .30 " 11 2 M .50 12 2 M .30 " 11 2 M .50 12 2 M .33 " " 11 2 M .62 12 1 M .33 " " 11 2 M .62 12 1 M .40 " Average 11 2 M .62 12 3 .30½ " Average 11 26 .57½ Jan. 1861 11 22 M .30 " " July 1867 11 1 F .40 Jan. 1861 11 1 F .33 " July 1867 11 1 F .40	of wage:
12	64 64 64 64 64 64 64 64 64 64 64 64 64 6
Jan. 1861 11 22 M .30 " " July 1867 11 1 F .40 11 1 M .33 " " 11 9 M .63 11 1 M .33 " " 11 12 F .63 11 1 M .38 " " Average 11 22 .02 11 1 M .40 " " Average 11 1 F .50 July 1861 11 7 M .30 " " Average 11 1 F .63 July 1861 11 7 M .30 " " Average 11 13 .60½ 11 1 M .33 " " Average 11 13 .60½ July 1861 11 7 M .33 " " Average 11 13 .60½ 11 1 M .33 " " Average 11	14 51 51 52 61 51 61 51 61 51 61 51 61 51 61 51 61 51 61 51
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	11
Average 11 2262 Average 11 2262 Jan. 1868 11 1 F .50 July 1861 11 7 M .30 11 1 F .30 Average 11 2262 Jan. 1868 11 1 F .56 11 4 M .58 F .63 Average 11 1 260 Jan. 1868 11 1 J F .56 Average 11 1 360 S F .63 Jan. 1868 11 J F .56 Jan. 1868 11 J J F .56 Jan. 1868 11 J J F .56 Jan. 1868 11 J J F .56 Jan. 1868 11 J J F .56 Jan. 1868 11 J J F .56 Jan. 1868 11 J J F .56 Jan. 1868 11 J J F .56 Jan. 1868 11 J J F .56 Jan. 1868 11 J J F .56 Jan. 1868 11 J J F .56 Jan. 1868 11 J J F .56 Jan. 1868 11 J J F .56 Jan. 1868 11 J J F .56	tc
	66 66 68 66
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	
11	66 66
11 1 F 69	66 66 66 66
Average 11 18 33 " " Average 11 15 501	46 44
Jan. 1862 11 3 M .25 " " Jan. 1869 11 1 M .58 11 3 M .60	66 66 66 66
Average 11 16 32 " " 11 2 F 63	er er
July 1862 11 4 M .33 " " 4 verage 11 1 F .68 11 1 F .33 " " 4 verage 11 13 .60½	** **
Average 11 634 " July 1869 11 1 M .58	11 11
Jan. 1863 11 5 M . 25 " " 11 1 5 F . 60 11 1 1 F . 63 11 1 F . 63 11 1 F . 63	46 44
Average 11 13	££ ££
Jan. 1864 11 5 M 33 " " 11 3 F .50 11 2 M .60 11 1 2 F .60	66 66 66 66
Average 11 15 M .37½ " " Average 11 954½	"
July 1864 11 5 M .33 " " July 1870 11 2 M .50 .50 .50	66 66 66 46
Average 11 15 M .37½ " " 11 2 M .60 .60	16 66
Jan. 1865 11 15 M .40 " " Average 11 954\frac{1}{2}	11 11
July 1865 11 14 M .40 " " Jan. 1871 11 10 M .50 11 6 F .40 " " Jan. 1871 11 10 M .50	66 68
Average 11 2040 " " Average 11 1250	14 44
Jan. 1866 11 10 M :50 " " July 1871 11 10 M :50 " " July 1871 11 20 M :50 .50 " " 11 11 10 M :50 .50	66 66 66
Average 11 1050 " " Average 11 1250	44 44
July 1866 11 9 M .50 " " Jan. 1872 11 15 M .50 ** ** ** ** " Jan. 1872 11 15 M .50	
Average 11 1750 " " Average 11 2050	44 44

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS-Continued.

DOFFERS - Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of y	rages.
July 1872	11 11	15 5	M F	\$0.50 .50	per	day.	July 1878	10 10 10	1 7 1	M M M	\$0.40 .45 .50	per	day.
Average	11	20		.50			Average	10	9	M	. 45	14	44
Jan. 1879	11 11 11	2 7 5	M M F	. 40 . 50 . 50	**	6 6 6 6	Jan. 1879	10 10	4 6	M M	. 30	**	44
Average	11	14		.48	**	44		10 10	3 1	F M	. 85	46	66
July 1873	11 11 11	2 7 2	M M F	. 40 . 50 . 50	6 L	6 6 6 6	Average	10	14		. 34½	ţŧ	46
Average	11	11		.48		66	July 1879	10 10	6 6	M M	.30	11	44
ŭ			i	ļ	11	44	ŀ	10	3	F	. 35		64
Jan. 1874	11 11 11	5 5 1	M M F	. 40 . 50 . 50	"	44	Average	10	16	М	. 60	6.2	"
Average	11	11		. 451	44	44	Jan. 1880	10	4	м	.30		
July 1874	11 11 11	8 8 1	M M F	. 40 . 50 . 50	66 66	66 66 46	l dan 1000	10 10 10	1 6 2 2 1	F M F M	.30 .35 .35 .40	6 6 6 7 6 8	4 6 6 6 6 6
Average	11	12		. 431	64	**		10	1	M	. 60		6.6
Jan. 1875	10 10	1 5	M M	. 30	66 64	16	Average	ĺ	16		. 351		
	10 10	2 8	M	. 38	1.4	4.6	July 1880	10 10	3	M F	.30	4.6	4.4
	10	1	M	. 50		4.4		10	8 5	M F	. 35	11	44
Average	10	17	м	. 381	6.6	44		10 10	2	M M	.40	14	66
July 1875	10 10	1 5 2	M M M	.30 .35 .38	66	6 6 6 6 8 4	Average		20		361	"	44
	10 10 10 10	5 2 2	M M M	. 40 . 45 . 50	66 66	44	Jan. 1881	10 10 10	1 1 8 6	M F M F	.30 .30 .35 .35	64 64 66	66 66 66
Λ verage	10	17	M	. 391	4.0	44		10 10	i	M	.70	6.6	44
Jan. 1876	10 10	5 2	M	. 40	66 16	6.6 6.6	Average	Ι.	17	177	. 36½	14	"
	10	5	М	. 50			July 1881	10 10	1 5	F M	. 35	44	44
Average	10	12	M	. 45	"	44		10 10	5 1	F M	.35	41	44
July 1876	10 10 10	3 2 6	M M M	. 40 . 45 . 50	46	4 4 4 4 4 6	Average		12		. 37½	11	44
\ Average	10	11	M	. 461	66	**	Јан. 1882	10 10	1 8	F M	. 30	4.6	4.6
Jan. 1877	10 10	3 6	M M	. 40	"	"		10	5 1	M M	. 35	44	**
Average	10	9	M	. 461	44	44	Average	10	15		. 37	**	**
	10	4	м	. 40	66	46	July 1882	10 10	1 6	M	. 30	66	46
July 1877	10 10	3 2	M	. 45	"	44		10	7 1	F M	. 35	6	66
Average	10	9	M	. 44		44	Average	10	15		. 37	14	64
Jan. 1878	10 10 10	1 6 3	M M M	. 40 . 45 . 50	"	66 66	Jan. 1883	10 10 10	1 4 9	M M F	. 30 . 35 . 35	44	44 64
Average		10	м	. 46	*6	64	Average	10	14		.341	44	41

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued. DOFFERS Continued.

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Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
J uly 1 883	10 10	4 8	M F	\$0. 35 . 35	per	day.	July 1887 - cone'd.	10 10	1 1	F M	\$0.90 1.00	per	day.
Average	10	12		. 35	16	6.6	Average	10	9		.71	11	**
Jan. 1884	10 10 10 10 10 10 10	1 4 3 6 2 1 1	M M F M F	. 30 . 35 . 35 . 40 . 40 . 45 . 45	46 46 46 46 44	44 44 44 44	Jan. 1888	10 10 10 10 10 10 10 10	1 1 2 1 1 1	FFMM M M M F	.50 .55 .70 .75 .80 .85 1.00 1,00	11 11 11 11 11 11	66 66 66 61 61 61 61
Average	10	18		. 38	4.6	6.6	Average	10	9		. 76½	61	44
July 1884	10 10 10 10 10 10 10 10	1 5 7 2 2 1 1	M F M F M F F	.30 .35 .35 .40 .40 .45	66 66 66 66 66	61 64 64 64 64 64	July 1888	10 10 10 10 10 10 10	1 1 1 1 2 1	F M M M F	.50 ,55 .75 .80 .90 1.00	61 61 61 64 66 66	46 48 44 44 44 44
Average	10	22		. 39	64	61	Average	10	8		.811	**	
Jan. 1885	10 10 10 10	. 5 3 1	F M F F	.35 .40 .45 .45	66 61 64	66 66 66	Jan. 1889	10 10 10 10	1 1 1	F M M	. 50 . 55 . 60 1 , 00	66 66 64	:: :: ::
Average	10	12	<u> </u>	. 43	4.6	44	Average	10	4 3	F	. 663	"	44
July 1885	10 10 10 10 10 10 10	1 4 2 1 3 1	F M M F F M	. 35 . 40 . 45 . 45 . 50 . 55	11 11 11 11	64 65 66 64 64	July 1889	10 10 10 10 10 10 10 10 10	1 1 1 1 1 1 1 1 1 1 1 1	F M F M F M F	.50 .52 .54 .55 .60 .90 .95 1.00	66 66 66	46 46 46 46 46 46
Jan. 1886	10	1	F	.40	44	44	Average	10	11		. 681	**	61
9 an. 1880	10 10 10	1 3 3	F F M	. 45 . 50 . 55	61 64 64	44 45 45	Jan. 1890	10 10 10 10	4 1 1	F M F M	.50 .52 .52	14 14 14	44 44 44
Average	10	8		. 50	4.5	66		10 10	î	F M	. 55	44	64 66
July 1886	10 10 10 10 10	1 1 2 2	F F M F	.40 .45 .50 .55	4 6 4 6 4 6 4 6	44		10 10 10 10 10	1 1 1 1 1 1	Б М И И F	. 60 . 70 . 75 . 90 . 95	66 66 66	66 66 66
Average	10	7		. 501	44	44		10 10	2 2	M. F	1.00 1.00	4.	44 '
Jan. 1887	10 10 10 10 10 10 10	1 1 1 1 1 1	FFMFMMFM MFM	.40 .50 .60 .80 .85 .90	64 64 64 66 66	46 48 44 44 44	Average July 1890	10 10 10 10 10 10	18 3 3 1 2 1	M F M F M F	.70 .50 .50 .52 .52 .54 .55	11 11 11 11 65 14	64 66 66 66 66 64
Average	10	9		. 68	44	64		10 10	1 1 1	F M	. 60 . 70	44	66
July 1887	10 10 10 10 10 10	2 1 1 1 1	F M F M	.50 .55 .60 .70 .80	41 61 61 66	66 66 68 68	Average	10 10 10 10 10	1 2 2 1 2 3	M F M F	.75 .90 .95 1.00 1.00	44	66 66 66 66
								0	AU ,		g		

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

DOFFERS-Concluded.

	lours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rati	e of	wages.
Jan. 1891	10 10 10 10 10 10 10 10 10 10 10	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M F M F M M F M F M F M F M F M F M F M	\$0.50 .52 .52 .54 .65 .60 .70 .75 .90 .95 1.00 1.00	66 64 65 64 64 64 64 64 64 64 64 64 64 64 64 64	day.	July 1891	10 10 10 10 10 10 10 10 10 10 10	4 4 2 1 1 1 2 1 1 3	M F M M F M M M M M	\$0. 50 . 50 . 52 . 55 . 55 . 60 . 75 . 80 . 90 1. 00 1. 00	per ***	day.

DRAWING HANDS.

Jan. 1840	14 14 14	1 2 4	F	. 33	per	day.	July 1843- cone'd.	14 14	1	F	. 46 . 47	per	day.
	14 14	4 9 1	F	. 43	66	44 .	Average	14	21		. 41	"	44
Average	14	17	F	. 41 1	66	44	Jan. 1844	14 . 14	4 12	F	. 38	11	66
July 1841	- 14	1	F	. 33	44	66	}	14	12	Ē	. 44	ιι	**
9 miy 1041	14	1	F	. 38	44	44	Average	14 .	17	F	.41	4.6	**
	- 14 14	1 2	M F	.40	4.6	14	1 1						
i	14 14	2	F	. 42	11	66	July 1844	14 14	1 9	F	.38	66	11
	14	2 2 3 1 3	F	. 46	**	44		14	1	F	. 47	44	44
Ì	14	3	F	.48	64	44	Average	14	11	F	. 42		44
	14	5	F	.50	46	44	Jan. 1845	14	3	F	.38	4.6	41
Average	14	20		. 45	**	**	0 au. 1045	14	12	F	. 42	44	"
Jan. 1842	14 14	1 1	F F	.33	. 11	46	Average	14	15	F	. 41	**	44
	14	3	F	. 40		6.6	July 1845	14	1	F	. 33	6.6	
	14	5	F	. 42		64		14 : 14	10	F	.38	£ £	44
1	14	3 2 1	F	. 46	11	66		14	17	F	.40		**
	14	1 3	M F	.48	64	44	Average	14		, -			
Average	14	19		. 43	**	66	Jan. 1846	14 14	7	F	. 38	66	66
	-		1 !					14	1	F	. 41	16	44
July 1842	14 14	4 2	F	.38	41	44		14	10	F'	. 42		
	14 14	2 3 2 3	F	. 44	66	64	Average	14	19	F	. 401	**	44
	14	3	F	. 47	6.6	4.4	July 1846	14	7	F	. 38	6.6	44
	14 14	1	M F	.48	13	66		14	11	F	. 42	44	46
A							Average	14	18	F	. 40 <u>1</u>	**	41
Average	- 14	16		. 431			Jan. 1847	14	7	F	. 38	66	44
Jan. 1843	14 14	1 4	F	. 33	11	44		14 14	1 2 2	M F	. 42	44	44
	14	i	M	. 42	4.4	44		14 .	2	F	. 44	6.6	**
	14	11	F	. 42	44	66	ļ i	14	1	M	.48		44
	14 14	1	F	. 46 . 47	**	44	Average	14	13		.401	"	44
Average	14	19		. 41	66	44	July 1847	14	2 9	F	.38	66	44
July 1843	14	7	F	. 38	66	44		14 : 14 :	1	F	.44	66	64
2 mil 1049	14	10	F	. 42	**	66		14	î	Ē	. 46	. 44	41
Į	14 14	1	M F	. 48 . 44	66	46	Average	14	13	F	.42		44

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued, DRAWING HANDS—Continued.

Payroll of	Hours per day.	Different employés.	Sex.	Rate of wag	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	rages.
Jan. 1848	14 14 14 14	1 10 1 1	F F F	\$0.40 per day .42 " " .44 " " .48 " "		12 12 12	1 1 1	F M F	\$0.38 .46 46	per "	
Average	14	13	F	. 42} " "	Average	. 12	3	- 	. 431	44	64
July 1848	14 14	1 <u>I</u>	F M	.38 11 19	Jan. 1854	12 12 12	1 1 1	F M F	.38 .46 .46	(i* (i	66 66
	14 14 14	5 1	F M F	.45 " "	Äverage	12	3		. 431	11	11
	14 14	1 3	F	.48 " "	July 1854	12 12 12	1 1 1	F M F	. 38 . 46 . 46	££	6 E
.Average	14	13		.443 " •"	Average	12	3		. 43		16
Jan. 1849	14 14 14 14	1 1 1 5	M F F	.42 " " .42 " " .44 " "	Jan. 1855	12 12	1	F M	.38	"	16
	14	1	F	.48 " "	Average	12	2		.42	4.6	44
Average July 1849	14 14	9	F	.45 " "	July 1855	12 12	2 1	F	.38	41	1.6 64
V any 1010	14 14 14	1 2 1	M F M	.42 " "		12	1	M F	. 46 . 46	44	66 16
	14	î	F	.50 " "	Average	12	5		. 42	4.6	14
Average	14	7		.43 " "	Jan. 1856	12 12	1 1	M F	. 38	2.5	44
Jan. 1850	14 14 14	$\begin{bmatrix} & 1\\ & 2\\ & 1 \end{bmatrix}$	M F F	.42 " "		12 12 12	1 2 2	И F F	. 42 . 42 . 46	66 66	1.6 1.6
Average	14	4		.41 ""	Average	. 12	7		.42	F EE	46
July 1850	14 14 14 14 14 14	4 1 1 1 1	F M F M F	.42 14 45 44 45 46 46 46 46 46 46 46 46 46 46 46 46 46	July 1856	12 12 12 12 12 12	1 4 1 1	F F F F	.38 .40 .42 .46 .55	66 66 66 66	64 66 61 61
Average	14	8		-441 " "	Average	12	10	F	. 421	**	**
Jan. 1851	14 14 14	5 2 1	F F	.38 " " " .46 " " " .47 " " "	Jan. 1857	12 12 12 12	1 1 2 5	M F M F	.38 .38 .42	66 66	66 66 68
Average	14	8	F	.41 "		12 12 12	2 3	M F	.46	66	46
July 1851	14 14	3	F	.42 ** **	.	12	1	F	. 62	11	16
Average	14	5	F	. 4112 " "	11		15	F	.33	46	44
Jan. 1852	12 12 12	1 2 1	F	.38 " " " " " " " " " " " " " " " " " " "		12 12 12 12	1 2 1 3 6 2 1 1 2 2 2 1	M F F	. 42	66 66	14
Average	12	4	F	. 45 '' ''		12 12	6	F	.46	11	46
July 1852	12 12	1 2	F	.35 " "	11	12 12 12	1 1	F F	.50	66	66 66
Average	12	3	F	. 381 " "		12 12	2	M F	. 60	44	44
Jan. 1853	12 12 12	1 1 1	F M F	.38 *** 40		12 12 12 12 12	1 1 1	M M F	.62 .70 .72 .90	"	6 6 6 6
Average	12	3		.431 "	Average	12	27		, 51 <u>à</u>	44	"

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

Payroll of -	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per. day.	Different employés.	Sex.	Rate	of v	vage
Jan. 1858	12 12 12 12 12 12 12	1 5 6 1 1 3	F M F M F	\$0.40 per day42 " " .44 " " .46 " " .46 " "	July 1859- conc'd.	12 12 12 12 12 12 12	1 1 1 1 1 1	M M F M F	\$0.63 .65 .65 .68 .70	per	day,
	12 12 12	1 1 1	F M	.52 " "	Average	12	35		.50		16
	12 12 12 12 12 12 12 12 12	1 1 1 2 1 1 2	M M F M F M	.54 " " " " " " " " " " " " " " " " " " "	Jan. 1860	12 12 12 12 12 12 12 12 12	2 10 1 2 2 1 3 1 2 1	FFM FFFFM	. 38 . 42 . 44 . 44 . 46 . 48 . 50	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	66 66 66 66
Average	12	29		.501 " "		12 12	2	F M	. 63	£ 4	66
July 1 858	12 12	5 4	M F	.42 " "		12 12	1 1	M	.79	66	66
	12 12	1	F M	.44 " "	Average	• 12	27		491	"	4.6
	12 12 12 12 12 12 12 12 12 12 12 12 12 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M M M M M M M M	46 " " " " " " " " " " " " " " " " " " "	July 1860	12 12 12 12 12 12 12 12 12 12 12 12	2 10 1 2 3 1 1 1 1 2 1 1	FFMEEEEEMEEME	. 38 . 42 . 44 . 46 . 48 . 50 . 55 . 56 . 60 . 63 . 80	66 66 66 66 66 66 66 66 66 66	44 44 44 44 44 44 44 44 44 44 44 44 44
Average	12	29		51 " "		12 12	1	M	.84	**	64
Jan. 1859	12 12 12 12 12 12 12 12 12 12 12 12 12 1	1 1 1 2 8 2 2 1 3 1 1 1 2 1 1 2 1	FMEMEMEMEMEMMME	.38	Average Jan. 1861	12 11 11 11 11 11 11 11 11 11 11	27 1 1 2 2 1 1 1 1 1	F M F M F F M F F	.50½ .38 .42 .46 .50 .60 .60 .63 .80 .82 .84 1.00	66 66 66 66 66 66 66 66	44 44 44 44 44 44 44 44 44 44
	12 12 12 12	2	M	. 62	Average	11	14		. 60½		61
	12 12	1	F M	.70 " " "	July 1861	11 11 11	1 1	F M M	.38 .42 .46	11	66
Average	12	33		. 49 " "		11	2	F	.48	15	66
July 1859	12 12 12 12 12 12 12 12	1 1 2 8 2 2 2 1 3 1 2 1 2	F M F M F M F M	.38		11 11: 11: 11: 11: 11: 11: 11:	1 1, 1, 1 1 1 1	M F F M F F	.60 .60 .63 .82 .84 .85	66	66 66 66 66 66
,	12 12	3	M F F	.46 " "	Average	11	14		, 61 <u>1</u>	"	££
	12 12 12 12 12 12 12	1 2 1 2 1 1	M M M M	.48 " " .50 " " .58 " " .60 " " .61 " " .62 " "	Jan. 1862	11 11 11 11 11	1 1 1 1 1	F M F F	.38 .42 .46 .50	66 66 66	64 64 64

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued. DBAWING HANDS Continued.

							٠						
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of ·	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rat	e of	wages.
Jan. 1862– conc'd.	11 11 11 11 11	3 1 1 1 1	F M F M	\$0.52 .56 .57 .62 .65	per	day.	Jan. 1866	11 11 11 11	1 6 3 5 1 4 1	FFFF	\$0.45 .50 .55 .60	11	day.
\ Average	11	12		. 52	4.6	44		11	1 4	F M	1.00	14	66
July 1862	11 11 11	1 1 1	F M	. 45 . 50 . 56	64 64	14 11		11 11 11	1 1 1	F F	1.00 1.21 1.21	44 44	6 6 6 6 6 6
	11 11	1	F	.57	66	66	Average	11	26		.71	66	**
	11 11	1	F M	. 65	11	44	July 1866	11 11	5 2	F	.50 .52	**	66 66
Average	11	7	••••	.571	61	44		11	1	F	. 55 . 58		11
Jan. 1863	#11 11	2 1	F	. 44	44	44		11 11 11	2 1 2 7 1	F M	. 60 . 65 . 96	11 12	66 66
Average	11	3	F	. 46	b 44	**	i	11	3	M M	1.00 1.21	44	16
July 1863	11	1	F	. 52	6.6	**		11 11	1 1	F M	1. 21 1. 42	44	46
Jan. 1864	11 11 11	2 1 3	F F	. 40 . 45 . 50	6 6 6 6	4.4 4.4	Average	11	25		. 741	66	**
	11 11 11 11 11 11 11	1 3 1 1 1	FFMFMFF	.55 .60 .65 .70 .75 .80	16 16 16 16 16 16 16 16 16 16 16 16 16 1	66 66 66 66 66 66	Jan. 1867	11 11 11 11 11 11	6 1 1 3 7 7 1 1 2	F F F F M F	.50 .54 .55 .60 .65 .67	66 66 66 66	66 64 64 64 64
Average	11	15		, $59\frac{1}{2}$	16	46		11	1	F	. 80		66
July 1864	11 11 11 11	1 1 1 7	F F F	.38 .40 .42 .50	66 66	4 6 6 6 6 6		11 11 11 11	1 1 1 1	M M M	1. 00 1. 04 1. 05 1. 25	6 6 6 6 6 6	66 66
	11	7 1 4	F	. 55	e r e c	* 44	Average	11	27		. 69	6.6	46
	11 11 11 11 11 11	1 1 1 1 1 1	M M F M F	.70 .75 .75 .80 .80	66 66 61	66 66 66	July 1867	11 11 11 11 11	5 2 1 4 6	FFFFFF	. 50 . 52 . 55 . 60 . 65 . 75	11 11 11 11	64 64 64 64
Average	11	21		.591	46	44	ļ !	11	1 1 1 1	M F	. 83	44	46
Jan. 1865	11 11 11 11 11 11	1 1 2 1 6 3 I	FFFFFFFF	.40 .42 .45 .46 .50 .55	66 66 66 66 66	66 66 66 66		11 11 11 11 11 11	1 1 1 1 1 1 1 1	F M M M	. 88 . 96 1. 04 1. 05 1. 16 1. 33	66 66 66 66	46 46 46 48
1	11 11	4	F M	.60	13	66	Average	11	27		.71	**	ii.
	11 11	2	M F	. 83	**	66	Jan. 1868.	11 11	2	F	. 45 . 50	44	"
Average	11	23		$.56\frac{1}{9}$	**	46	1	11 11	2 1 2 6	F	. 54	"	61
July 1865	11 11	1 8	F	. 40	44	66		11	6	F F	. 60 . 65	44	**
	11 11	3	F	. 55 . 60	**	44		11	5	F	. 75 . 80	66	11
	11 11	3	F	. 65 . 75	44	64 66		11	2 1 2	M F	. 83	66	: 1 : 1
	11 11	2	M	. 83	44	66		11	1	M F	.96	**	44
		ī	F	1.00	44	66		11	1	M	. 97	"	41
Average	11 1	23		. 61 ½		"	Average	11	29		. 68 <u>1</u>	44	41

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different omployés.	Sex.	Rate	of w	ages.
July 1868	11 11 11 11 11 11 11 11 11 11 11	4 2 7 3 5 1 1 1 1 1 1	F F F F F F F F M M F M	\$0.50 per day. 54 ** ' 60 ' 75 ' 80 ' 80 ' 80 ' 80 ' 80 ' 80 ' 80 ' 80	July 1870- cone'd. Average Jan. 1871	11 11 11 11 11 11 11 11 11 11 11	1 1 1 1 1 1 1 1 30	F M M M M F F	\$0, 98 1, 05 1, 12 1, 15 1, 20 1, 50 - 73\frac{1}{4} . 68 . 75 . 79 . 88	per (lay.
Average Jan. 1869	11 11 11 11 11 11 11 11 11 11	28 2 1 4 1 5 3 5 1 1 1	THEFFE MM FF	. 68½ " " "	Average July 1871	11 11 11 11 11 11 11	30	F M F M F M F M F M F M F M F M F M F M	. 90 1, 10- 1, 12- 1, 20 1, 25 1, 27 1, 42- 1, 50 . 88 . 75 . 84 . 87	46 46 46 46 46 46 46 46 46 46 46 46 46 4	
Average July 1869	11 11 11 11 11 11 -11	26 1 1 1 1 1 5	FM FF FF	66 " "50 " "50 " "55 " "55 " "55 " "56 "56 "	Average	11 11 11 11 11 11 11 11	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	F F M F M	. 90 1. 00 1. 12 1. 16 1. 20 1. 27 1. 42	44	66 66 66 66 66
	11 11 11 11 11 11 11 11	4 3 5 1 1 1	FFFFMMFF	. 60 " " " " " " " " " " " " " " " " " "	Jan. 1872	11 11 11 11 11 11 11	16 1 1 1 1 1 1	F F F F M F M	.75 .80 .83 .90 1.00 1.16 1.20 2.00	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	46 46 46 44 44 44
Average	l	27			Average	3 -	23		861	"	и
Jan. 1870	11 11 11 11 11 11 11 11 11 11 11	1 3 1 3 2 8 6 1 1 1 1 1 2 1 1 1 1	REFERENCE MEM	. 45 " "	July 1872		16 11 11 11 11 11 11 11 11 11 11 12 27	FF MF FF MF FF M		16 66 66 61 64 64 64 64	44 55 66 66 64 65 66 66 64
Average	11	29		. 711 " "	Jan. 1873	11 11	4 13	F	. 60	**	4.6
July 1870	11 11 11 11 11 11 11	1 1 4 3 4 6 3	FFFFFFFF	.50 " " " .52 " " " .55 " " " "	•	11 11 11 11 11 11	1 1 3 2 1 1	M F F F F F	1. 00 1. 00 1. 00 1. 08 1. 10 1. 16 1. 50	66 66 66 66 66 66	66 66 66 66 66 66 66 66 66 66 66 66 66
	111	9, pt. 2	F M	$\begin{vmatrix} 1.83 & " & " \\ 94 & " & " \\ -47 \end{vmatrix}$	Averag	e 11	27		. 82	. "	4.6

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

				D 15/			A DA-CORE	uucu.					
Payroll of—	Hours per day.	Different employés	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages
July 1873	11 11 11 11 11 11 11 11 11 11	1 8 1 6 3 1 1 1 1 2 1 3	FFMFFFFFFMFF	. 65 . 65 . 70 . 72 1. 00 1. 03 1. 08 1. 10 1. 14	per	day	Jan. 1876	10 10 10 10 10 10 10 10 10 10 10	10 11 11 11 2 11 2	F F F M F F F F F F	\$0.50 .55 .60 .65 .68 .73 .76 .80 .83 1.00	per	day.
	11			1.62			July 1876	10	1	\mathbf{F}	. 33	41	"
Average Jan. 1874	11 11 11 11 11 11 11	30 3 8 6 1 1 1 1 1 2 1	F F F M M F F F F M	. 80½ . 55 . 60 . 65 . 66 . 78 . 82 . 90 . 94 . 95	16 14 16 16 16 46 46 48	46- 46- 46- 46- 46- 46- 46- 46- 46- 46-		10 10 10 10 10 10 10 10 10 10	6 11 2 1 1 1 2 2 1	FFFFFFFFFF	.50 .60 .63 .65 .69 .70 .76 .80 .83 .92	46 66 64 14 64 64	66 64 64 64 65 65 66 66 66 66
	11 11	1	M F	1.00	6.6	64	Average	10	29		. 631	"	44
Average Jan. 1875	11 11 11 11 11 11 11 11 11 11 11 11 11	26 3 1 8 6 1 1 1 1 2 2 1 1 1 1	FFFFMMFFFFMF	. 70½ . 50 . 55 . 60 . 65 . 68 . 80 . 86 . 90 . 95 . 98 1. 00 1. 00 . 70 . 40 . 50	44 45 65 64 64 64 64 64 64 64 64	46 46 46 46 46 46 46 46 46 46 46 46 46 4	Jan. 1877 Average July 1877	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1 1 1 2 1 1 1 1 1 1 1 2 1 1 1 1 1 2 1 1 1 1 1 2 1	та начанаванаванава Та	. 40 . 45 . 50 . 55 . 56 . 58 . 60 . 65 . 70 . 75 . 80 1. 00 . 60½	45 45 45 46 46 44 44 44 44 44 46 44	65 64 64 64 64 64 64 65 66 66 66 66 66 66 66 66 66 66 66 66
A vera <u>ż</u> e	10 10 10 10 10 10 10 10 10 10 10 10	22 5 8 4 1 1 1 1 1 1 1 2 28	F F F F F F F F F F F F F F F F F F F	. 50 . 55 . 60 . 65 . 78 . 80 . 82 . 90 1. 00 1. 04 1. 10	66 66 66 61 64 64 66 66	66 66 66 66 66 66 66 66 66		10 10 10 10 10 10 10 10 10 10 10	1 1 2 13 1 1 2 1 1	FM FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	. 50 . 50 . 53 . 55 . 60 . 66 . 68 . 75 . 80 . 86 1. 00	46	11 11 11 11 11 11 11 11 11 11 11 11 11
July 1875	- 1			. 66			Average	10	30	•••	. 60 1		"
5 a.j 1010	10 10 10 10 10 10 10 10 10 10 10 10 10	1 3 6 7 1 1 2 . 3 1 1 1	M F F F F F F F F F F F F F F F F F F F	. 50 . 50 . 55 . 60 . 65 . 66 . 70 . 75 . 80 . 90 1. 00 1. 06 1. 08	44 46 44 45 46 46 46 46	46 46 46 46 44 46 44 46 46 46	Average July 1878	10 10 10 10 10 10 10 10 10 10	1 1 4 4 11 1 1 2 1 1 2 1 1 2 1 1 1 1 1 1	F MF F F F F F F F F F F F F F F F F F	.40 .50 .50 .55 .60 .70 .75 .80 1.12	66 66 64 66 66 66 66 66	46 46 46 46 46 46 46
Average	10	30		,67	**		i l	10 10	5	F	. 50 . 55	44	44

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS-Continued.

4) KA	MANG 1	HANDS-CO	пынце	a.				
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of-	Hours per day.	Different employés.	Sox.	Rate	of v	vages,
July 1878– cone'd.	10 10 10 10	10 1 1 2	FFF	\$0. 60 . 67 . 68 . 75	per	day.	July 1880- conc'd.	10 10 10	3 3 1	F M	\$0, 90 1, 00 1, 10	Per H	day.
	10 10	2 1 1	F F	.83	66	14	Average	10	42		. 681	6.6	44
	10	î	F	1.12	16	44	Jan. 1881	10 10	9	F M	. 40	66	44
Average	10	27		. 621	61	66		10	5	M F	. 60	11	44
Jan. 1879	10	6	F	. 40	41	**		10		F	. 65	44	**
34	10 10	1 1 1	M F	.50	14	44 44	,	10	3	F	. 70	11	44
	10 10	1 4	F M	. 58	**	45		10	1 3 3 2 1	F	. 85	44	44
	10 10	1	F	. 60	16	46		10	4	F	1.00	64	4.6
	10 10	2	F M	. 67	44	11	Average	10	48		. 67	4.6	11
	10 10	4 7 1 2 3 1 2 3	F	.70	41	46	July 1881	10 10	9	F	. 40	44	11
	10	3	F	.75	44	44		10 10	5 11	M F	, 60 , 60	4 6	11
	10 10	i	F	. 90 1. 00	"			10 10	1 2	F	. 65	**	
Average	10	35		. 62		44	j	10 10	4 2 5	FF	.70		
July 1879	10	1	F	.36	61			10 10	5 6	F	. 90 1. 00		11
o any inside	10	4	F	.40	64	64 64	Average		46		. 661	44	44
	10 10	1 1	F M	. 47	11	64	Jan. 1862	10		F	. 40	41	61
	10 10	4 7	M F	. 60		"		10 10	4 3 1 1 2 6 8 8 2 2	F M	. 45	66	11
	10 10	1 1	F	. 62	"	41 65		10 10	1 2	F	.50	- "	66
	10 10	2 2	<u> </u>	.68	66	44		10 10	1 6	M F	. 60	**	66
	10 10	5 2	F	.70	3.3	"		10 10	2	F	.70	11	66
	10 10	4 7 1 1 2 2 5 2 1 1 1	F	.82	4.6	66		10 10	2 2 5	F	80	11	**
	10 10	1 2	F	. 86	66	"		10		F	1.00		44
	10	1	F	1.00		41	Average		40	' _	. 651		16
Average	10	39		. 64		**	July 1882	10 10	5	F	. 40	"	14
Jan. 1880	10 10	6	F M	.40	66	66		10 10	4	M F	. 50	44	11
	10	4	M F	.60	66	**		10 10	6	F M	. 55	11	16
	10 10	10 2 5 3 1 2 1	M	.70	5 E	44	ł	10	1 1 4 1 6 5 2 2 2	F	. 60	66	44
	10 10	3	F	.75	11	44		10 10	2	F F	.75	11	61
	10	2	F	.85	66	£ 6 £ 4		10 10	5	F	. 90 1. 00	44	
	10 10	4	F M	1.00	"	6 6 6 4	Average	10	39		. 64	"	64
	10	2	F	1.00		41	Jan. 1883	10 10	1 1	F	. 40	11	66
Average	10	42		. 67	**	* *		10 10	1 1	F	.50		66
July 1880	10 10	5 1	F M	. 40	6.6	44		10 10	3 1 4 1 1 1 2 1 3 5	J. M	. 60	44	46
	10 10	4	F	.50	11	11		10	1 1	F	.75	44	46
,	10 10	7	F M	.60	41	"	1	10 10	1 3	F	.85	11	16
	10	2	F	70	**			10 10	5	F	1.00	"	44
1 5	10	4 4 7 2 2 2 3 4 2	F	.80	"	"	1	10	2	F	1.20	**	66
rg k	- 10	î î	F	.86	66	**	Average	10	26	١	.79	64	44

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued,

Payroll	Hours	Different	C	Det			Payroll	Hours	TO IN OT CITE	Sex.	Pat		
of	per day.	employés.	Sex.	Kate	10	wages.	of—	per day.	employés.		Rate	01	wages
July 1883	10	I	F	\$0.40	per	day.	Jan. 1886	10 10	1	F	\$0.45	per	day.
	10 10	3 1	M F	.50	66	6.6		10	1 1	F	.50		66
	10	4	м	.60	44	44	11	10	, 1 , 1	M	.70	6.4	64
	10	1	F	. 60	6.6	6.6		10	` 1	F	. 80	44	44
	10	1 1 1 1 1 1	F	. 65	46	44		10	3	F	1.00	44	44
	10 10	1 1	M F	.70		66	li	10	5	B.	1.10	•••	**
	10	1	F	.80	4.6	4.6	Average	10	13		. 89	6.6	44
	10	1	F	. 85	6.4	6.6	_	4.	ļ				
	10	1	F	. 90	11	46	July 1886	10 10	1	F	.45	11	46
	10 10	4	F	. 95 1. 00	6.6	44		10	1	F	. 55	**	**
	10	ī	F	1. 20	4.6	61		10	-1	M	.70	**	**
	10	1	F	1.25	"	4.6		10	1	F	. 80	6.6	4.6
Average	10	23		. 76		44		10 10	1 3 3	F	1.00 1.10	66	
Jan. 1884	10	1	F	.40	11	u	Average	10	11		. 851	41	66
	10 10	1 2	F M	.45	11	44	Jan. 1887	10	1	TF	.50	44	44
	íŏ	$\frac{2}{1}$	F	.50	6.6	4.4	0 and 1001	10	2	F	. 55	46	46
	10	6	M	. 60	**	64 66		10	2 2 2 2 2 1	M	. 60	61	11
	10 10	1 1	M F	. 65		16	1	10 10	2	F	1.00 1.10	44	14
	10	1	M	. 75		46		10	2	F	1. 20	64	
	10	1	F	. 75	4.4	4.1	1	10	i	F	1.25	14	16
	10 10	2 1	F	. 80	66	64		10					
	10	5	F	1.00	66	44	Average	10	12		. 881		
	10	1 .	F	1. 20	1.4	1.1	T1 1007	10	, ,	F	. 55	44	66
	10	1	F	1. 25	6.6	4.6	July 1887	10	1 2	M	.60	14	44
Average	10	25		. 75	4.6	64		iŏ	2	\mathbf{F}	.60	44	44
Average	10	20		. 10				10	1	F	. 80	44	66
July 1884	10	1	F	. 40	4.6	1.6	1	10	2 1 2 1	F	1.00 1.10	54	16
	10 10	1 2	F M	. 45	14	144		10 10	$\begin{bmatrix} \frac{1}{2} \\ 1 \end{bmatrix}$	F	1. 20	46	44
	10	1	T	. 50	14	44		10	ī	M	1. 25	66	46
	10	6	M	.60	6.6	44][10	ī	\mathbf{F}	1, 25	16	"
	10	1	M	. 65	16	44	Average	10	13		. 901	*	66
	10 10	· 1	F M	.70		11	Hvorage	1	10				
	10	1	F	. 75	4.4	44	Jan. 1888	10	1	\mathbf{F}	. 50	6.6	14
	10	1	F	. 80	1.6	4.6	Jun. 1000	10	2	F	. 55	41	44
	10 10	1 6	F	. 90	11	66	H	10	2 3 1 3 2 1	M	. 60	64	66
j	10	ĭ	F	1.00 1.25	11	44	lí :	10 10	1	F	. 60 . 65	66	16
	10	1	F	1. 35	4.6	4.6		10	2	M F	. 65	6.6	16
A	7.0							10	I	F	. 80	11	16
Average	10	25		. 761	**			10	1	F	1.00	44	44
Jan. 1885	10	2	\mathbf{F}	. 40	6.6	4.6		10 10	1 1 2	F M	1. 20 1. 25	46	44
	10	2 1 2 1	F	. 45		5.6	∥ . ∣	10	2	F	1. 25	66	44
	10 10	2	M F	.55	14	66	.					"	
	10	4	M	. 60		11	Average	10	18	• • • • •	. 78		
1	10	1	F	. 80	4.1	1.6	T1. 100-		ا ۾	_		61	
]	10 10	1	F	. 90	11	"	July 1888	10 10	2	F M	. 55 . 6 0		**
1	10	5 2	$_{\mathbf{F}}^{\mathbf{F}}$	1.00 1.10	11	6.6		10	3 3 1 1 1 1	F	. 60	64	4.6
				1.10				10	3	M	. 65	66	44
Average	10	19		. 741	"	6.6		10	1	F	. 65 . 80	11	44
July 1885	10	2	F	.40	14	4.6		10 10	1	F	1.00	44	44
,,	10	í	F	.45	64	11		10	î	F	1.12	44	44
	10	1	\mathbf{M}	.50	16	44		10	1	F	1.20	44	11
′	10 10	1	M	. 55	**	44		10 10	1 3	M F	1. 25 1. 25	**	44
	10	4 1	M F	.60 .60	11	44		10		F			
	10	. il	F	.70	4.6	44	Average	10	20		. 82	44	44
	10	1	F	. 90	16	44							
	10 10	5 2	F	1.00	16	44	Jan. 1889	10	1	F	. 55	66	66
- 1	70	4.	T.	1.10				10 10	1 3	M F	.60 .60	11	**

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

DRAWING HANDS-Concluded.

Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of .	Hours per day.	Different employés.	Sex.	Rate	of	wages.
Jan. 1889- conc'd.	10 10 10	1 1 1	F M M	\$0.65 .70 .80	per	day.	Jan. 1890- conc'd.	10 10	1 5	M F	\$1.25 1.25	per	day.
	10 10 10	1	F	. 80 1. 00	**	66	Averago	· 10	18		. 981		44
	10	1 2 1	F	1. 20	66	64 16	July 1890	10 10	2 2	F	. 55	44	44
	îŏ	3	F	1. 25	6.6	**		10	2 2 1	M	. 65	11	64 61
Average	10	18		. 86 <u>1</u>	66	**		10	i	M	.70	6 t	44
July 1889	10	1	F	. 55	66	44		10	1	F	, 80 . 90	64	6.6
	10 16 10	1 1	F	. 60 . 60	"	"		10	1 2	F M	1.00 1.20	44	44
	10 10	1 2 2 1 1	F M	.65	11	46		10 10	2	F M	1. 20 1. 25	44	6.6
	10 10	1	F	.72	66	11		10	4	F	1.25	4.6	4.4
	10 10	1	F	. 80 1. 00	11	4 6 5 5	Average		21		. 911	**	6.6
	10 10	2 2 1	F	1.00	44	44	Jan. 1891	10 10	1	F	. 70	44	66
	10	1 5	M	1. 25 1. 25	46	44		10	1 4	M F	1. 20	**	44
Average	10	22		. 92	16	**		10	1 4	M F	1. 25 1. 25	**	**
Jan. 1890	10	,	F	. 55	**	44	Average	10	15		1.05	61	66
9 a.u. 1000	10	2 2 1	M	. 65	46	44	July 1891	10 10	4	F	.70	64	46
	10 10	1 1	F	, 70	4.6	44		10	4	F	1.20	64	"
	10 10	1 2	F	1.00	44	44		10 10	3	M F	1, 25 1, 25	14	14
	10 10	1 2	M F	1. 20 1. 20	**	66	Average	10	13		1.03	16	4.5

DRESSERS.

								_						
Jan. 1843 July 1843	14 14	2 4	F	. 58	4.6	day.	July Jan. July	1848	14 14 12	2 1 1	F F	. 42 . 58 . 45	per "	day.
Jan. 1844	14 14 14	1 4 1	F F	. 38 . 58 . 71	44	64 64	July	i	$\frac{12}{12}$	1 1	F M F	. 40 . 60	44 64	"
Average	14	6	F	. 57	4.6	14			12 12	1	F M	. 66½ . 70	66	46
July 1844	14 14	1	F	. 38 . 71	16	44			12 12	1 3	F M	$\frac{82}{1.00}$	64	66
Average	14	2	F	. 541	"	44			12 12 12	6 1 1	F M F	1.00 1.08 1.10	44	44
Jan. 1845	14 14 14	5 2 1	F F	.38 .42 .48	61 64	46	AVA	rage	12	18	F	1. 25	44	44
Average	14	8	F	. 401		**	Jan.		12 12	1 1	F M	. 48	**	16
J uly 1845	1 <u>4</u> 14	5 1 1	F	.38	66 61	44 44			12 12	2 1	F M F	.70 .75	44	61 68 64
Average	14	7	F	.48	**	"			12 12 12	1 1 1	F	. 85	44	66
Jan. 1847	14 14	1	F F	.21	44	44			$\begin{array}{c} 12 \\ 12 \\ 12 \end{array}$	2 2 2	M F F	1.00 1.00 1.08	11	14
A	14 14	1 6	Î.	. 45	**	**	Ave	rage	12	1 15	<u>M</u>	1.10	46	44
Average	14	1 0	1 20	1 . 309			4 77.40	- 45°	, 14	***	(,		

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

DRESSERS-Continued.

Payron	12 12 12 12 12 12 12 12 12 12 12 12 12 1	Different employés.	F F M F F M F F M F F M F F M F F M F F M F F M F F M F F M M F F M M F F M M F F M M F F M M F F M	\$0,48 .70 .75 .75 .80 .85 .90 1.00 1.08 1.10		r d	ay.	July 18 cone	31-	Hours per day.	Different employés.	Sex.	\$1. 18 1. 20	per	wages.
Average	12 12 12 12 12 12 12 12 12 12 12	1 1 1 1 1 1 2 2 2 2 1 1 4 1	F M F F F M F M	.70 .75 .75 .80 .85 .90 1.00 1.00 1.08	61	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	4 - 6 4	сопс,		11	1	M	1.20	11	44
~	12 12 12 12 12 12 12 12 12	1 1 2 2 2 2 1 	F F M F M	. 80 . 85 . 90 1. 00 1. 00 1. 08	61			Avera				_F	1.20	1.6	4.5
~	12 12 12 12 12 12 12	1 2 2 2 1 14	F M F F M	1.00 1.00 1.00 1.08	11			11	ge	11	10		1.081	"	44
~	12 12 12 12	14 14	F M	1.00 1.08				Jan. 18	62	11	1	F	.40	"	**
~	12 12 12 12	14	M			-		ļ	- 1	11 11	1	M	. 68	41	44
~	12 12	1			41	- 4	í			11	1 2	F	. 89	14	"
Jan. 1859	12			. 89	**	•	•			. 11	ī	M	. 90 1. 04	"	44
	12		F	. 50	1.6			Avera	ge	11	8		. 76	**	**
	12	1	F	. 80	44	4		July 18	32	11 11	1 1	F	. 48	44	46
	12	2	M	1.00	4.6	4		li .		11	1	M	. 50	66	"
	$\begin{array}{c c} 12 \\ 12 \end{array}$	2 1 1	F	1.00 1.02	6.6	6	6	1		11 11	1 1	F F	. 80	44	46
	12 12	1	F	1.08 1.10	6.6	4		H		11	1 1 1	F	. 90	**	44
Average	12	11		. 89 <u>1</u>	4.4	4		ŀ	-	. 11	1	М	1.06	61	44
July 1859	12	<u>i</u> 1	F	. 50	4.6	41		Avera	- 1	: 11	8		. 78	"	"
	12 12		F	1.00	**	6		Jan. 186	3	11 11	1	F	. 45 . 46	44	"
	12 12	1 1 1	F	1.02 1.08	66	41		l		11	1	F M	. 82 . 86	**	41
	12 12	1 1	M F	1, 10	66	61 61		Avera	re -	11	4		. 641	64	44
Average	12	7		. 951		6.0		July 186	- 1	11	1	F	. 44	44	**
Jan. 1860	12	1	м.	.74		41	ı	" "		11 11	1 1	F	. 46 . 86	66	16 44
	$\frac{12}{12}$	1 1	F	. 84	16	61				ii	1	M	. 90	44	44
	12 12	1 4	F	1.00	44	61	1	Avera	ge-	11	4		. 661	44	41
	12 12	1 1	F	1.16	16	41		Jan. 186	4	11	1	F	. 67	44	44
	12	i	M F	1. 22 1. 23	**	61				11	1	M	. 85 1. 00	14 14	14
Average	12	11		1.041	44	61				11	1	F	1.01 1.04	44	44
July 1860	12	1	M	. 74	4.6	64			1	11	1	F	1.34 1.50	44	-66
	12 12	1	F	. 85 1. 00	44	66		Avera	2:0	11	7		1.06		44
	12 12	4 1	F	1. 10 1. 12	44	66		July 186		11	1	F	. 67	64	44
1	$\frac{12}{12}$	I	F M	1. 16 1. 22	11	44		0 41,7 100		11	1	M°	. 90	44	44
	12 12	1	F	1.25	64	6.6				11	1	F M	1.03 1.06	44	#
Average	12	12	F_	1.38	44	44				11	1	F	1.08 1.30	"	44
Jan. 1861	11-		та	1.091	44	44			-	11	1	F	1.50	44	44
Jan. 1001	11 11	1 2	F M	. 84	11	46		Averag		11	7		1.071	46	**
	11	1 1	F	1.06 1.10	44	64		Jan. 186	5	11 11	2 2 1 3	M F	. 58 . 58	44	46
	11	, 1	F	1. 12 1. 17	66	44				11	ĩ	F	. 67	44 44	61 66
	11 11	1	F	1.20	14	44				11	1	F M	. 83 1. 00	66	46.
	11	1	M F	1. 24 1. 25	46	64				11	1	F	1.00 1.42	56 66	44
A Worn go	11	1	F	1.30	1,6	44		1	_	11	2	F	1.50	44	16
Average July 1861	11	11		1.09	**	44		Avera		11	13		. 91 1	44	**
, u.y 1001	11	1 2	F M	. 85 . 90	41	66		July 186	5	11 11	1 1	F	. 58 . 60	44	46
	11	2	F	1. 12 1. 17	86	11				11	2	M	. 67 . 75	46 46	66 66

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS-Continued.

DRESSERS-Continued.

Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	Hours per day.	Different omployés.	Sex.	Rate	of y	vages.
July 1865- cone'd.	11 11 11 11 11 11	2 1 1 1 1 1	F F M F M	\$0.83 .90 .92 1.00 1,20 1.42	61 61 61	day.	July 1868- cone'd	11 11 11 11 11 11	1 1 1 1 3 1	F F F M F	\$1.64\frac{1}{2} 1.75 1.80 1.92\frac{1}{2} 2.00 2.32	ber.	day.
Average	11	3	F	1.50	**	"	Average	11	13		1.61	"	44
Jan. 1866	11 11 11 11 11	1 1 1 2 5	F M F M	.72 .92 .92 1.00 1.00	66 66	64 66 14	Jan. 1869	11 11 11 11	1 1 1 2	F F M	. 96 1. 70 1. 86 2. 00	6 6 6 6 6 6	48 46 44 64
,	11 11 11 11 11	1 1 1 1 1 2	M M F F	1. 21 1, 33 1. 33 1. 60 2. 00	66 66 66	64 64 64	Average July 1869	11 11 11 11	1 1 1 1	F M F	1.70½ .94 2.00 2.00	46	44
Average	11	16		1. 19	44	ı,	Average	11	3		1, 641/2	44	14
July 1866	f1 11 11 11 11	2 1 2 1 1 1	M F M F M	1.00 1.00 1.04 1.04 1.21 1,21	64 64 64 64	66 66 66 66	Jan. 1870	11 11 11 11	1 2 1 2	F M F M	. 92 2. 00 2. 00 2. 25	6 6 6 6 6 6	64 66 48 88
`	11 11 11 11	1 1 2 2 2	M M F F	1. 25 1. 46 1. 50 2. 00	66 64	61 66 66	Average July 1870	11 11 11 11	1 1 1 2	F M M	1. 90½ . 96, 2. 00 2. 25	14 14 14	66 61 48
Average		14		1.30	"	64	Average		4		1.861		ıı
Jan. 1867	11 11 11 11 11 11	1 1 1 2 1 2 1 2 1	FFFMFFMF	1. 18 1. 25 1. 33 1. 60 2. 00 2. 05 2. 10	61 66 66 66 66	66 18 18 18 18 18 18 18 18 18 18 18 18 18	Jan. 1871 Average	11 11 4 11 11	1 1 2 -4	M M M	1.75 2.00 2.25 2.06½	44 44 14	66 64 44
Average July 1867	11	10 1	F	1.56	- 44	66 66	July 1871	11 11 11 11	1 1 1 1	M M M M	1. 25 1. 50 2. 00 2. 25	66 64 66	6 8 6 8 6 8
	11 11 11	1 2 1	F M F F	1. 12 1. 33 1. 50	66	61	Average Jan. 1872	1	4 2	M M	1.75		44
	11 11 11	1 2 1	F	1.60 1.83 2.00	11	11		_ 11	ĩ	M	2. 25		44
	11	1	F F	2. 05 2. 10	- 66	11	July 1872	11	3	M	1. 75	\$ 6 6 6 6 6 6 6 6 6 7 6 8 6 8 6 8 6 8 6 8 6 8 6 8 6 8 6 8 6 8	11
Average Jan. 1868	11	11	F	1. 61	11	**		11	1	M	1.75 2.25		44
	11 11 11 11 11	1 1 1	FFFFF	1. 10 1. 14 1. 59 1. 75 1. 92	66 68	46 46 66	Average Jan. 1873	1.	5 1 1 1	F M F	. 1. 85 . 83 1. 75 1. 75	66	46 44 45
	11 11 11 11	1 2 1	M M F F	1. 98 2. 00 2. 00 2. 10	6 6 6 6 6 6	66	Average	e 11	5	м 	2. 25 1. 76 1. 00	44	11
Average	11	12		. 1.63	••	44	July 1873	11 11	1 2	M	1.40	46	44
J uly 1868	11 11 11 11	2 1 1 1	F F F	1.00 1.03 1.12 1.33	4 4 4 4 4 4	66 45 46	Averag	11	7	M M	2. 00 2. 25 1. 77	- 11	66

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

DRESSERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
Jan. 1874	11 11 11 11	1 2 2 1	F M M M	\$0, 60 1. 40 2. 00 2. 25	per "	day.	Jan. 1879	10 10 10 10 10	1 1 1 2 2	M F M M	\$0.50 .50 .60 1,00 1.50	per	day.
Average	11	6		1, 61	4.6	44	A	10	7				44
July 1874.	11 11 11 11	1 2 2 1	F M M M	. 68 1, 40 2, 00 2, 25	44 46 46	44 44	Average July 1879	10 10 10 10	1 1 1	M F M M	. 94½ . 50 . 50 . 60 1. 00	. 11	** ** **
Average	11	6		1.62	41	44	1	10	2 2	M	1.50	41	44
Jan. 1875	10 10 10 10	1 1 1 2	F M M M	, 60 1, 00 1, 40 2, 00	66 66 66	16 16 16	Average Jan. 1880	10 10 10	7 1 1	M F	. 94½ . 40 . 55	££	"
Average	10	5		1.40	\$4	41		10 10	1 1	Л	. 65	16	5.6
July 1875	10 10 10	1 2 2 2	F M M	. 60 . 70 1. 10	1 4 1 4 1 6	46 66 46		10 10 10	1 1 2	M M M	1.00 1.10 1.60	14	66
	10		M	2.00	"	"	Average	10	8		. 95½	51	• 4
Average Jan. 1876	10 10 10 10 10	7 1 1 1	F M M M	1. 17 .60 .70 .92 1. 00	46 66 66	44 44 44	July 1880	10 10 10 10 10	1 1 2 2	M F M M	. 55 . 60 . 65 1. 10 1. 60	66 66 68	66 66 66
	10 10	1 2	M	1.10	44	46	Average	10	7		1. 03	66	64
Average	10	7	М.	1. 13	"	66	Jan. 1881	10 10 10	$egin{array}{c} 2 \ 1 \ 2 \end{array}$	F M M	. 70 1. 00 1. 10	64 64	14 44 44
July 1876	10 10 10 10 10	1 2 1	M M M	. 60 . 70 1. 00 1. 10	11 11 11	46	Average	10	7	м	1. 60	11	44
4		7	<u>M</u>	1.80	"	"	July 1881	10 10	1 1	F	. 60	11	**
Average Jan. 1877	10 10	1	F	1. 143 . 60		"		10 10	1 3	F M	. 80 1. 10	44	44
Jan. 1071	10 10 10 10	1 1 . 1	M M M	.70 1.00 1.10	66 66	15 16	A	10	1 2	M	1. 25 1. 60 1. 09½	44	44
	10 10	1 2	M	1. 20 1. 60	44	4.6	Average			l	_	* 1	44
Average	10	7		1. 111			Jan. 1882	10	1 2	F	. 60 . 80	"	44
July 1877	10	1	F	_	66	44		10	2 1	М	1. 10 1. 25	61 61	44
, and 1011	10 10 10	1 2 2	M M M	. 60 . 70 1, 00 1, 60	44	16	Average	10	8		1, 60		
Average	10	6		1.081	4.4	66	July 1882	10	1	F	. 60	13	44
Jan. 1878	10	1	F	. 60	44	41		10 10	1 2	M	. 90 1. 10	64	11
	10 10	1	M	.70	44	61		10 10	1 3	M	1.25 1.60	64	64
1	10	1 2	F M	. 80 1. 00	4.5	46	Average	10	8		1. 22	44	64
	10 10	1 2	М	1. 20 1. 60	66	44	Jan, 1883	10		м	1.00	44	rt.
Average	10	ы		1.061	. 6	44	J 1003	10	1	\mathbf{F}	1.00	46	46
July 1878	10			-				10 10	1 1	M	1. 10 1. 25	4.4	4.6
. u1) 10/8	10	1 1	F M	. 60 . 80	4.4	44		10 10	1 1	M	$\frac{1.60}{2.00}$	"	44
İ	10 10	1 2	F M	. 80 1. 00	6.6	66	A 2222						44
	10 10	1 2	M M	1. 20 1. 60	66	14	Average July 1883	10	6	м	1. 32½ . 85	"	"
Average	10	8		1.073	44	41		10	2	F M	1.00 1.10	44 44	46

2. 00 2. 00 2. 00 2. 00 2. 25 2. 25

1 M 1 M 1 M 1 M 1 M 1 M

14 14 14

14 14 14

Jan. 1843

July 1843 Jan. 1844 July 1844 July 1844 Jan. 1845 July 1845 per day.

66 - 66 66 - 66

44 44

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40. MASSACHUSETTS—Continued.

DRESSERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of of	wages
July 1883- cone d.	10 10 10	1 1 1	M M M	\$1. 15 1. 50 1. 60	per	day.	July 1887- cone'd.	10 10	1 2	M	\$1.50 1.55	per	day.
	10	ī	M	2.00	61	6.6	Average	10	6	М	1. 35	14	4.6
Average	10	8		$1.27\frac{1}{2}$		44	Jan. 1888	10 10	1 1	M M	1.00 1.10		ű.
Jan. 1884	10 10 10	1 1 1	M F M	. 90 1. 00 1. 10	61 61	16 46		10 10	1 3	M M	1. 40 1. 55	"	4+
,	10 10	1	M F	1. 15 1. 20	44	66	Average	10	6	M	1.36		4.1
	10 10	2	M M	1. 60 2. 00	64	44	July 1888	, 10 10 10	1 1 1	M M M	1,00 1,10 1,40	11 11	6 6 6 4
Average	10	. 8		1.32	e é	£ 6	i i	10	3	M	1, 55	1.4	14
July 1884	10 10	1	M F	. 90	4.6	44	Average	10	6	М	1.36	4.4	+4
	10	1 1	M M	1, 10	* **	44	Jan. 1889	10 10	1 4	M M	1.40 1.55	66	44
	10	1 2	F	1. 15	11	44	i	10	3	M	2.35	"	
	10 10	1	M	1.60 2.00	4.6	**	Average	10	8	м	1, 83	4.6	**
Average		*		1.32	41	44	July 1889	10 10.	1 1	M M	1. 10 1. 40	44	66
Jan. 1885	10 10	1	M F	1,00	44	44		10 10	4 7	M	1.55 2.35	11	
	10 10	1	M F	1.10 1.20	44	44	Average	10	13	M	1. 933		44
	10 10	1	M M	1, 50 1, 60	66	66	Jan. 1890	10	1	M	1. 10 1. 55	11	
Average	10	7		1. 27	1.6	44		10 10	5 7	M M	2. 35	11	"
July 1885	10 10	1 1	M F	1.10 1.20	44	44	Average	10	13	M	1. 941		\$4
	10	1 2	M	1. 25 1. 50	64	14	July 1890	10 10	1 5	M M	1, 20 1, 55	6.6	64
	10	1	M	1. 60	"	**		10	7	M	2. 35	1.1	14
Average	10	6		1.36		14	Average	10	13	М	1.95		44
Jan. 1886	10	1	M	1.10	66	44	Jan. 1891	10·	5 1	M	1.55 1.60		11
	10 10	1 3	F M	1. 20 1. 50	44	44		10 10.	1 1	M M	1.80	14	+4
Average	10	5	'	1.36	44	44		10 10	1	M M	2.00 2.03	66	66
July 1886	10	1	М	1.10	6.6	4.6		10	1	M	2. 25	44	44
- 113	10 10	1 3	F	1. 20 1. 50	66	11		10 10	4	M	2. 35 2. 50	11	14
Average	10	5		1.36	66	44	Average	10	22	М	2.03		**
Jan. 1887	10	1	М	1.10	4.4	14	July 1891	10. 10	1 4	M	1. 20 1. 55	14	11
-	10	1	F	1.20	11	44		10 10	1	M	1.90 2.00	66	66
	10 10	1 2	M	1, 50 1, 55	2.	**		10	. 4 1	M	2.03	"	44
Average	10	5		1.38	44			10 10	1 2	M	2, 15	21	11
July 1887	10	1	M	1.00		6.6	,	10· 10	4 2	M	2.50 2.60	44	44
-	10 10	1	M M	1.10 1.40	**	"	Average	10.	20	M	2. 07		44

2. 00 2. 00 2. 00 2. 00 2. 00 2. 00 2. 00

1 M 1 M 1 M 1 M 1 M 1 M per day.

66 66

44 44

Jan. 1840 July 1840 Jan. 1841 July 1841 Jan. 1842 July 1842

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

ENGINEERS Continued.

	1			1			-,	·		1			
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	e of	wages.	Payroll	Hours per day.	Different employés.	Sex.	Rate	e of	wages.
Jan. 1846 July 1846 Jan. 1847	14 14 14	1 1 1	M M M	\$2, 25 2, 25 2, 25 2, 25 2, 25	per	day.	July 1870	11 11 11	1 1 1	M M M	\$2.50 2.75 3.00	per	day.
July 1847 Jan. 1848	14	1	M	2.25	66	11	Average	- 11	3	М	2. 75		66
July 1848 Jan. 1849	14 14	, 1	M	2. 25 2. 25	44	44	Jan. 1871	11	. 1	M	2. 50	44	**
July 1849 Jan. 1850	14 14	1	M	2. 25 2. 25	. 44	6.6		11	1 1	M	2.75 3.00	41	64 64
July 1850 Jan. 1851	14 14	1	M	2, 25 2, 25	66	66	Average	11	3	M	2.75	44	41
July 1851 Jan. 1852	12	1	M	2, 25 2, 25	66	11	July 1871	11	1	M	2.50	4.6	41
July 1852 Jan. 1853	12 12	1 1 1	M M	2. 25 2. 50	44	66		11 11	1 1	M M	2.75 3.00	11	46
July 1853 Jan. 1854	$\frac{12}{12}$	1	M	2.50 2.50	61	44	Average	11	3	M	2.75	11	44
July 1854 Jan. 1855	12 12	1 1	M M	2.50 2.50	44	11	Jan. 1872	11	1	м	2.75	66	64
July 1855 Jan. 1856	12 12	1	M M	2.50 2.50	44	66		11	2	M	3.00	16	44
July 1856 Jan. 1857	12 12	1 1	M M	2. 75 2. 75	**	44	Average	11	3	M	2. 91½	"	4.6
July 1857 Jan. 1858	12 12	1 1	M	2 75 2.75	£ £	66	July 1872	11 11	1 2	M M	2, 75 3, 00	44	44
July 1858 Jan. 1859	12 12	1	M	2. 75 2. 7 5	"	44	Average	11	3	M	2. 911	44	
July 1859 Jan. 1860	12 12	1 1	М	3.00 3.00	* *	44	Jan. 1873	11	1	м	2. 75	44	
July 1860 Jan. 1861	12 11	1	M	3.00 3.00	**	14	1	11	2	М	3.00	**	•
July 1861 Jan. 1862	11 11	1 1	M	3.00 3.00	4.6	44	Average	11	3	M	2.911	"	
July 1862 Jan. 1863	11	1	M	3.00 3.00	44	44	July 1873	11 11	1 2	M M	2.75 3.00	11	
July 1863 Jan. 1864	11	1	M M	3.00 2.50	14	"	Average	11	3	M	2.91	41	
D 1121. 1002	îi	1	M	3. 00	**	**	Jan. 1874	11	2	м	2.75	4.6	44
Average	11	2	M	2.75	6.6	44,		. 11	1	М	3.00	44	14
July 1864	11	1	M	2.50 3.00	**	44	Average	11	3	M	2.83 <u>1</u>	44	44
Average	11	2		2.75	66	64	July 1874	11 11	1 2	MM	2.75 3.00	"	11
Jan. 1865	11 ¹	1	M M	$\frac{2.75}{3.00}$	"	44	Average	11	3	M	2. 911	44	44
Average	11	2	M	2. 871	41	**	Jan. 1875	10	3	М	3.00	44	**
July 1865	11	1	M	2.75	44	44	July 1875 Jan. 1876	10 10	3 3	M	3.00 3.00	44	46
A ========	11	1	M	3.00	64	11	July 1876	10	3	M	3.00	11	"
Jan. 1866	11	2 1	M M	2.87½ 2.75	**	44	Jan. 1877	10 10	2	M M	3, 00 3, 25	44	44
,	11	1	М	3.00	6.6	4.6	Average	10	9	м	3.081	er.	11
Average	11	2	M	$2.87\frac{1}{2}$	**	44	July 1877	10	1	м	2.75		64
July 1866 Jan. 1867 July 1867	11 11	2 2	M	3.00 3.00	1.6	44		10 10	1	M	3.00 3.25	**	44
Jan. 1868	11	2	M	3.00	**	11	Average	10	3	м	3.00	61	**
July 1868 Jan. 1869	11	2	M M	3.00 2.50	"	44	Jan. 1878	10	2	м	3.00	44	66
]-	11	2	М	3.00	44.	44		10	1	М	3. 25	44	**
Average July 1869	11	3	M	2.831	44	4.0	Average	10	3	M	3.081	66	"
2 my 1009	11 11	$\begin{bmatrix} 1 \\ 2 \end{bmatrix}$	M M	2.50 3.00	66	44	July 1878	10 10	1 2	M	3.00 3.25	£ 6	44
Average	11	3	M	2.831	66	u t	Average	10	3	M	3. 081	"	46
Jan. 1870	11 11	1	M M	2.50 2.75	44	61 61	Jan. 1879	10	1	M	3.50	44	44
.	11	1	M	3.00	**	64	July 1879 Jan. 1880 July 1880	10 10 10	1 1	M	3.50 3.50	16	66 66
≜verage	11	3	M	2.75	4.6	44	July 1880 Jan. 1881	10	1	M	3.50 3.50	"	46

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS-Continued.

ENGINEERS-Concluded.

Payroll of—	Hours per day.	Different eniployés.	Sex.	Rate of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
July 1881 Jan. 1882 July 1882 Jan. 1883 July 1883 Jan. 1884 July 1884 Jan. 1885 July 1885 July 1886	10 10 10 10 10 10 10 10 10 10	1 1 1 1 1 1 1 1 1 1	M M M M M M M M M	4. 00 44 4. 00 44 4. 00 44 4. 00 44 4. 00 44 4. 25	12.y. 14 64 44 44 44 44 44	Jan. 1887 July 1887 Jan. 1888 July 1888 Jan. 1889 Jan. 1890 July 1890 Jan. 1891 July 1891	10 10 10 10 10 10 10 10 10	1 1 1 1 1 1 1 1	M M M M M M M M M	\$4. 25 4. 25 4. 25 4. 25 4. 25 4. 25 4. 25 4. 25 4. 25 4. 25 4. 25	per "" "" "" "" "" "" "" "" "" "" "" "" ""	day.
					FIRE	emen.						
Jan. 1840 Jan. 1841 July 1841	14 14 14	1 1 1	M M M	1. 25	lay.	July 1849	14 14	1 2	M M	1. 25 1. 35	per	đay.
Jan. 1842 July 1842	14	î	M	1. 25 "	44	Average	14	8	M	1.313	* *	46
Jan. 1843	14 14	1 1	M M	1. 25 ''	"	Jan. 1850 July 1850 Jan. 1851	14 14 14	2 2 2	M M M	1, 35 1, 35 1, 35	16	16
Average	14	2	M	1.2/2	**	July 1851	14 14	1	M M	1.35 1.40		44
July 1843	14 14	. 1	M M	1.40	66	Average	14	2	м	1. 371	1.1	14
Average	14	2	м	1. 271 "	11	Jan. 1852	12 12	1 1	M M	1.35 1.40	44	6.6
J an. 1844	14 14	I 1	M M	1. 20	"	Average	12	2	М	1. 371	11	
Average	14	2	M	1. 271	66	July 1852	12	2	M	1, 35	**	
July 1844	14	I 1	M M	1, 20	££	Jan. 1853	12 12	1	М	1.40 1.50	64	44
Average	14	2	M		"	Average	12	2	М	1.45	4.1	" /
Jan. 1845	14 14	1 1	M M	1. 25 '	£ £	July 1853	12 12	1	M M	1. 40 1. 50	44	#
A verage	ļ,	2	М			Average	12	2	M	1.45	4.6	4.6
July 1845	14	2	M	_	46	Jan. 1854	12 12	1	M M	1. 42 1. 45	44	"
Jan. 1846	14 14	1	M M	1. 50	46	Average	12	2	М	1.431	**	44
Average	14	2	M	1.321 "	66	July 1854	12 12	1	M M	1.40 1.45	64	**
July 1846	14 14	1	M M	1.00	61 61	Average	12	2	М	1. 421	4.6	44
Average	14	2	м	1. 321 41	44	Jan. 1855	12 12	1	M M	1.45 1.50	44	46
Jan. 1847 July 1847	14 14	1 1	M M	1.00	11	Average	12	2	М	1. 471	44	46
Jan. 1848	1 <u>4</u> 14	1	M	1.40	66 66	July 1855	12 12	1	M	1. 40 1. 50	**	44
Average	14	2				Average	12	2	M	1.45	**	**
July 1848	14	1	. м	1. 25 "	"	Jan. 1856	12 12	1	M M	1. 45 1. 50	**	16
A wome	14	1	M			Average	12	2	М	1.471	66	46
Average Jan. 1849	14 14	2 1	M	1. 25 "		July 1856	12 12	1	M M	1.00 1.40	44	14 14
	14	2	M	1.00			12	3	M	1.50	46	44
Average	14	3	M	1.313 "	. 1	Average	12	, g	TAT	1. 30		

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

FIREMEN-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	e of	wages.
Jan. 1857	12 12 12	1 1 1	M M M	\$1.00 1.45 1.50	per	r day.	July 1863	11 11 11	1 1 2	M M M	\$1.25 1.35 1.50	per	day.
Average	12	3	M	1.311	44	44	Average	11	4	M	1.40		"
July 1857	12 12 12	1 1 1	M M M	1. 17 1. 40 1. 50	66	46	Jan. 1864	. 11 11	1 3	M M	1. 35 1. 50	64	**
Average	12	3	M	1.35½	4.6	6.6	Average	11	4	М	1.461	**	**
Jan. 1858	12 12 12	1 1 1	M M M	1. 17 1. 40 1. 50	4 6 4 6	14 41 64	July 1864	, 11 11 11	1 2 1	M M M	1. 35 1. 45 1. 75	6.6 6.6	66 66
Average	12	3	М	1. 35½		4.6	Average	11	4	M	1.50	66	* *
July 1858	$\frac{12}{12}$	1 1 1	M M M	1. 17 1. 45 1. 50	66	6 6 6 6	Jan. 1865	11 11 11	1 2 1	M M M	1.40 1.45 1.75	5 6 6 E	66 66
Average	12	3	M	1. 37½	64	"	Average	11	4	M	1.511	41	46
Jan. 1859	$\frac{12}{12}$	1 1 2	M M M	1. 17 1. 45 1. 50	66 66	44 44	July 1865	11 11 11	1 2 1	M M M	1. 40 1. 45 1. 83	6 6 6 6	14
Average	12	4	М	1.401	* *	44	Average	11	4	М	1.53½	* *	,,
July 1859	12 12 12	1 1 2	M M M	1, 25 1, 40 1, 50	66	44 44	Jan. 1866	11 11	3 1	M M	1. 50 1. 83	**	"
Average	12	4		1.411	44	44	Average	11	4	M	1.581	44	
Jan. 1860	12 12 12	1 1 2	M M M	1. 25 1. 40 1. 50	6.6 6.6	"	July 1866	11 11 11	2 1 1	M M M	1. 50 1. 67 2. 00	64	"
Average	12	4	M	1.411	11	**	Average	11	4	М	1.661	"	44
July 1860	12 12 12	1 1 1	M M M	1. 25 1. 40 1. 67	66 66	11 .11 11	Jan. 1867	11 11 11	2 1 1	M M M	1. 50 1. 67 2. 00	11	64 64
Average	12	3	M	1.44	66	44	Average	111	4	M	1. 66½	**	**
Jan. 1861	11 11 11	1 1 1	M M M	1. 25 1. 40 1. 50	66 66	66 61	July 1867	11 11 11 11	1 1 1	M M M	1, 45 1, 50 1, 67 2, 00	64 64 64	e e e e e e
Average	11	3	M	1.381	4.6	44	Average	11	4	M	1.65	٤٤	14
July 1861	11 11 11	1 1 1	M M M	1. 25 1. 45 1. 50	6 E	6.6 6.6	Jan. 1868	11 11 11	2 1 1	M M M	1. 45 1. 67 2. 00	**	16 46 46
Average	11	3	М	1.40	64	66	Average	11	4	м	1.64	* *	44
Jan. 1862	11 11 11	$\begin{bmatrix} 1\\1\\2 \end{bmatrix}$	M M M	1, 25 1, 40 1, 50	44 44 44	6 6 6 6 6 6	July 1868	11 11 11	2 1 1	M M M	1. 45 1. 67 2. 00	64 64	44 44
Average	11	4	M	1.413	"	41	Average	11	4	м	1.641	44	44
July 1862	11 11 11	1 2 1	M M M	1. 25 1. 50 1. 67	6 E 6 E	44	Jan. 1869	11 11 11	1 1 1	M M M	1. 45 1. 50 1. 67	44 44 44	66 68 68
Average	11	4	м	1.48	**	"		11 11	1 1	M M	1.75 2,00		44
Jan. 1863	11 11 11	1 2 1	M M M	1. 25 1. 50 1. 67	66	44 44 44 ·	Average July 1869	11	5	M M	1. 67½ 1. 40	"	"
Average	11	4	M	1. 48	"			11	1	M	1. 45 1. 67	44 44	44

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS-Continued,

FIREMEN—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of	Hours per day;	Different omployés.	Sex.	Rate	of	wages
July 1869- conc'd.	11 11	1	M M	\$1.75 2.00	per	day.	Jan. 1876– cone'd.	10 10	1 1	M M	\$1.67 1.75	per	day.
Average	. 11	5	M	1.65	6.6	61	Average	10	6	M	1. 61	11	4.6
Jan. 1870	11 11 11	1 1 1	M M M	1.40 1.50 1.75	44 44 14	11 11	July 1876	10 10 10 10	1 1 2	M M M M	1, 50 1, 55 1, 60 1, 70	6 t 6 t 6 t	4 6 4 6 6 6
A	11	1 4	M	1.66½	**	11		10	1	М	1.75		6.0
Average	11	*	М.	1.00-5			Average	10	6	M	1.611	1.6	4.6
July 1870	11 11 11 11	1 1 1 1	M M M M	1. 40 1. 50 1. 75 2. 00	66 66	66 66 64 64	Jan. 1877	10 10 10 10 10	1 1 2 1 1	M M M M	1.50 1.55 1.60 1.70 1.75	64 64 64	66 64 86
Average	11	4	M	1. 66	16-	**	Average	10	6	M	1.611	- 14	4.6
Jan. 1871	11 11 11	1 1 1 1	M M M M	1. 45 1. 50 1. 75 2. 00	64 64 64	11	July 1877	10 10 10 10	1 1 2 1	M M M M	1. 50 1. 55 1. 60 1. 70	66 60 60	6 6 6 6 6 6
Average		4	M	1. 67±			1 .	10	1	M	1,75		
July 1871	11 11 11 11	1 1 1 1	M M M M	1. 45 1. 50 1. 75 2. 00	46	66	Jan. 1878	10 10 10	1 1	M M M	1.61½ 1.50 1.55		6 E E E E E E E E E E E E E E E E E E E
Average	11	4	м	1.671	1.6	4.5		10 10	2	M M	1, 60 1, 75		64
Jan. 1872	11 11 11	1 2 1	M M M	1.45 1.50 2.00	44 14	64 61 64	Average July 1878	10	5 2	M	1, 60		66
Averag	-	4	M	1.611	66	44		10	2	М	1.60	11	1.4
July 1872	11	1	M	1.45	61	11	Average		4	71	1.55		44
	11 11	1	M	1.50 2.00	66	44	Jan. 1879	10 10 10	$\begin{bmatrix} 2\\1\\2 \end{bmatrix}$	* M M	1. 25 1. 30 1. 60	44	66
Average	11	3	M	1.65	6.6	44	Average	I	5	M	1.40	- 64	41
Jan. 1873	11 11	1 2	M M	1.50 1.75	44	**	July 1879	10	2	M	1. 25 1. 30	11	66
Averag	11	3	M	1.661	64	4.		10	2	M	1.60	1.1	
July 1873 Jan. 1874		2 2	M M	1.75 1.75	14	14 41	Average	1 '	5	М	1.40	4	
July 1874	11 11 11	1 1	M M M	1. 50 1. 67 1. 75	4 t 4 t	44	Jan. 1880	10 10 10	1 2	M M M	1, 25 1, 30 1, 60	11	11
Averag	11	3	M	1.64	"	٠	Average	10	5	M	1. 40	61	4.6
Jan. 1875	10 10	2	M M	1.50 1.67	66	44 44	July 1880	10 10 10	. 2 1 2	M M M	1. 25 1. 30 1. 60	66	46
Average	10	1	M M	1.75		41	Average	10	5	M	1.40	11	**
July 1875	10 10	2	M M	1.50 1.60	11	66 .	Jan. 1881	10 10 10	2 1 2	M M M	1. 25 1. 30 1. 60	44	4 4 4 4
	10	1 1	M M	1. 67 1. 75	64	46	Average	10	5	M	1.40	- "	44
Averag		5	м	1.601	"	44	July 1881	10 10	2	M M	1, 25 1, 30	6.6	
Jan. 1876	10 10 10	1 1 2	M M M	1.50 1.55 1.60	46 66	64 65 58	Average	10	2	М	1, 40		46

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vage
Jan. 1882	10 10	1 3 2	М	\$1.25 1.30 1.60	per	day.	July 1887- conc'd.	10 10	1 2	M M	\$1, 30 1, 60	ler	day,
	10			1.39			Average	10	5	M	1.35	EE	44
Average	10	6	71				Jan. 1***	10	1	М	1.00	£ 6	16
July 1882	10 10	1 3	$\frac{N}{M}$	1, 25 1, 30	6.6	40		10 10	1	M	1. 25 1. 60	44	16
	10	2	M	1.60	4.6	16	1 p	10	1	М	2.00	4.6	4-
Average	10	6	М	1.39	6.6	6.6	Average	10	4	M	1.461	1	4.5
Jan. 18e3.	10	1	М	1. 25	44	.46	July 1888	10	1	M	1.09	44	46
	10	2 2	M	1.30 1.60	**	66		10 10	1	M	1. 25 1. 60	6.5	6.6
					**	44		10	1	M	2, 00	- 6	- 6
Average	10	5	М	1.41			Average	10	4	M	1, 461	. 6	6.5
July 1883	10	1 2	M	1. 25 1. 30	16	55	Jan. 1889	10	1	м	1. 25	46	++
	10	2	M	1.60	5.6	66	1	10	1	М	1.50	44	46
Average	10	5	М	1.41	46	44	H	10 10	2	M	1. 60 2. 00	6.8	**
Jan. 1:-4	10	1	M	1. 25	6.6	**	Average	10	5	М	1.59	86	4.6
	10	1 4	M	1.30 1.60	44	46	July 1889	10	1	м	1. 25	£	66
	10		_			66	July 1000	10	1	M	1, 50	6.5	11
Average	10	6	М	1.49	11		1	10 10	2	M M	1. 60 2. 00	3.5	65
July 1884	10	1 1	М	1. 25 1. 30	66	66	Average	10	5	M	1. 59	4.5	44
	10	1	M	1.60	6.6	4.4		10	1	м	1.00	66	.4
Average	10	6	м	1. 49	- 11	44	Jan. 1890	. 10	1	M	1.25	46	44
Jan. 1885	İ	1	м	1. 25	16	81		10 10	1 3	M	1.50 1.60	44	- 66
уан. 1000	10 10	1 4	71	1.60	66	6.6	1	10	1	M	2.00	4.6	.4
Average	10	5	М	1.53	44	64	Average	10	7	M	1.504	**	ı
July 1885		1	M	1. 25	4.6	6.6	July 1890	10	1	M M	1.00 1.25		4.6
	10	4	M	1.60	. "	••		10	1 1	M	1.50	64	68
Average	в 10	5	М	1.53	8.6	8.6		10 10	3	M	1.60 2.00	33	44
Jan. 1886	10 10	1 3	Ж	1. 25 1. 60	66	66	Average	!	7	М	1. 50	66	68
Average	P; 10	4	М	1.51	**	44	Jan. 1891	10	1	М	1.25	66	44
July 1886	1	1	м	1. 25	4 6	44		10 10	5	M	1.50 1.60	64	11
5 21y 1000	10	3		1. 60	£ £	**	ir	10	1	М	2.00	16	8.6
Average	e 10	4	Ж	1.51	11	4.6	1	10	1 . 10	<u>м</u>	1.65	- "	8.5
Jan. 1887		1		1.00		4.5	Average		10		,	66	44
	10 10	1		1, 25 1, 30	44	66	July 1891	10 10	1 2	M M	1.25 1.50	64	4.6
	10	2			6.6	4.6		10	5	М	1.60	66	44
Average	e 10	5	м	1.35	46	4.4	H	10	1 1	M	2.00	44	65
July 1-37		1	\$				Average		10	М	1. 65	- 44	46
,	10	1			44	4.4		1.					

M 1.75 M 1.75 M 1.75 M 2.50 M 2.50 M 1.50 M 1.50 M 1.75 M 1.75 M 1.75 11 11 11 11 Jan. 1860 July 1864 Jan. 1861 12 per day. July 1862 Jan. 1863 12 11 4.6 . 6 . . +4 July 1863 Jan. 1864 66 11 July 1-61 11 .. 46 July 1864 6.6 Jan. 1862

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

FOREMEN, YARD-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1865 July 1865 Jan. 1866 July 1866	11 11 11 11	1 1 1	M M M	\$2.50 2.50 2.35 2.50	per	day.	July 1878 Jan. 1879 July 1879 Jan. 1880	10 10 10	1 1 1 1	M M M M	\$3, 00 3, 00 3, 12 3, 12	per	day.
Jan. 1867 July 1867 Jan. 1868 July 1868	11 11 11 11	1 1 1	M M M	3.00 3.00 3.00 3.00	6 6 6 8 6 6 6 6	44 44 44	July 1880 Jan. 1881 July 1881 Jan. 1882	10 10 10 10	1 1 1	M M M M	3. 15 3. 15 3. 15 3. 15	66	66 66 68
Jan. 1869 July 1869 Jan. 1870 July 1870	-11 11 11 11	1 1 1	M M M M	3.00 3.00 3.00 3.00	66 66 66	44	Jan. 1882 Jan. 1883 July 1883 Jan. 1884	10 10 10 10	1 1	M M M M	3, 15 3, 15 3, 15 3, 15 3, 15	11	44
Jan. 1871 July 1871 Jan. 1872 July 1872	11 11 11 11	1 1 1	M M M M	3. 25 3. 25 3. 25 3. 25 3. 25	4 6 6 6 6 8	66 68	July 1884 Jan. 1885 July 1885 Jan. 1886	10 10 10 10	1	M M M M	3. 15 3. 15 3. 15 3. 15 3. 15	44	6 6 6 6 6 8
Jan. 1873 July 1873 Jan. 1874 July 1874	11 11 11	1 1	M M M M	3.00 3.00 3.00 3.00	14 16 16	66 68 66	July 1886 Jan. 1887 July 1887 Jan. 1888	10	1 1 1	M M M M	3. 15 3. 15 3. 15 3. 15	44	6 6 6 6 6 6
Jan. 1875 July 1875 Jan. 1876	10 10 10 10	1 1 1	M M M M	3, 00 3, 00 3, 00 3, 00	44 44	66 66	July 1888 Jan. 1889 July 1889 Jan. 1890	10 10 10 10 10	1 1 1	M M M M	3. 15 3. 15 3. 15	44	16 16 11
July 1876 Jan. 1877 July 1877 Jan. 1878	10 10 10	1 1 1	M M M	3. 00 3. 00 3. 00	64 64	66 66	July 1890 July 1890 Jan. 1891 July 1891	10 10 10 10	1 1 1	M M M	3. 15 3. 15 3. 15 3. 15	11	44

HARNESS HANDS.

July 1843	14	1	F	1	_	day.	Jan. 1849	14 14	2	F	. 42	per	day.
Jan. 1844	- 14 14	3 1	F	. 38	11	44	Average	14	а	F	. 51	"	**
Average	14	4	F	. 381		44	July 1849	14	2	F	. 42	**	44
July 1844	14 14 14	5 1 2	F F F	. 38 . 40 . 42	41 41	11 11,	Jan. 1850	14 14 14 14	. 3 1 1	M F F F	. 38 . 38 . 40 . 42	66 66 68	64 66 66
Average	14	8	F	. 391	* *	44					ļ		11
Jan. 1845	14	1	F	. 38	11	44	Average	14, 14	. 6 : 1	M	. 39	14	41
Jan. 1846	14 14 14	5 1 1	F F	. 38 . 42 . 48	4 6 4 6	66 61	July 1850	14 14 14 14	1 1 1 2	F F M F	. 38 . 40 . 42 . 42	6 6 6 6 6 6	16
Average	_ 14	7	F	. 40	11	**	Average	14	7		.40		64
July 1846	14 14	1 1	F	. 38	4.6	**	Jan. 1851	14 14	1	M F	. 38	"	11
Average	14	2	F	. 40	41	44		14 14	1 1	M F	. 38 . 42 . 42	4.6	"
Jan. 1847	14 14 14 14	1 1 1 3	M F F	.33 .33 .38	64 66 64	11 11 11	Average	14	5	F	. 42	- 18	**
Average	14	6		. 381	6 6	14	July 1851	14 14	5 1	F M	, 38 . 42	44	44 44
July 1847	14 14	3 2	F	.38	44	66 46		14 14 14.	1 1 1	F F	. 42 . 46 . 48	44	16
Average	14	5	F	. 391	"	64	Average	14	9		.41	**	4.6
Jan. 1848	14 14	3 2	F F	. 42 . 45	66 66	14	Jan. 1852	12 12 12	1 1 1	M F F	. 21	6 6 6 6	41 44 46
Average	: 14	5	F	. 43	11	41		12 .	_ 1	M.	. 38	44	44
July 1848	14	8	F	. 42	"	46		$^{12}_{12}$, 1 1	\mathbf{F}	. 38 . 45	44	**

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

HARNESS HANDS - Continued.

					_								
Payroll of—	Hours per day.	Different employes.	Sex.	Rate	of	wages.	Payroll of .	Hours per day.	Different employés		Rate	of	wages.
Jan. 1852- cone'd.	12 12	1 1	F	\$0.46 .56	- 41		July 1860	12 12 12	1 1 2	M M F	\$0, 32 - 42 - 42		4.6
Average	12)	8		. 381			į.	12	1	F F	.52	**	44
July 1852	12 12	1	F	.30	£ .	4 64	Average	12	ō		. 441		16
	12 12 12 13	1 1 1 2	F M F F	. 36 . 38 . 46 . 50	61	i ii	Jan. 1861	. 11 . 11 . 11	1 1	M M F	. 42 . 50 . 58	11	61 61
\mathbf{A} verage	12	7		, 401	t ·	. 44	Average	11	3		. 50		64
Jan. 1853	12 12 12 13	1 1 3 1	F F M	.32 33 .38 .40	61	t 61 t 64 t 66	July 1861	11 11 11	1 1 1 1	M M F	. 42 . 50 . 58	81 15	11
	$\frac{12}{12}$	1	M F	. 42	4.6	11	Average	11	3		. 50	44	16
Average	12	10	F	. 50			Jan. 1862	11 11 11	1 1 1	M M F	. 42 . 54 . 65	66	66 14 16
Ju ly 1853	12	1	F	. 30			Average	11	3		. 531	**	и
	12 12 12 12	5 1 1 1	M F F	.38 .40 .46 .50	11	1 14	July 1862	11 11	1	M F	. 50 . 65	**	**
	12	î	F	. 52		- 11	Average	11	2		. 571	*	**
Average	12	10	• • • •	. 41	6.6	11	Jan. 1863 July 1863	11 11	1 1	F	. 70 . 70	11	66
Jan. 1854	12 12 12	1 4 1	F M	. 32 . 38 . 40	66	46	Jan. 1864	11 11	1 2	M F	. 75 . 75	66 64	11
	12 12	1	F F	. 44 . 46	14	4.6	Average	11	3		. 75	"	44
Average	12	10	F	. 52	ı.		July 1864	11 11	1 2	M F	. 75 . 75	"	"
July 1854	12	1	F	. 30	64	44	Average	11	3		.75	**	14
	12 12 12	$\begin{bmatrix} 2\\3\\1 \end{bmatrix}$	M F	. 38	14	16 11	Jan. 1865	11	1	F	. 75	44	44
	12 12 12	1 1	F F	. 44	44		July 1865	11	1	F	. 75	**	
1	12	î	F	$\frac{.50}{.52}$	41	16	Jan. 1866	11	1 1	M F	. 75	66	11
Average	12	10		. 41	6.6	44		11	1 2	M F	. 89 . 89	**	14
Jan. 1855	12 12	1 4	F M	. 32 . 38	"	44	Average	11	5		. 841		"
	12 12 12	$\begin{bmatrix} 1\\1\\2 \end{bmatrix}$	F F	. 38 . 46 . 50	44 44 44	16	July 1866	11 11	1 I	M F	. 89 . 89	11	11
Average	12	9		. 41	4.6	"	Average	11	2		. 89	* 1	" , "
July 1855 July 1858	12 12	4	M F	. 38 . 42	44	11	Jan. 1867	11 11	3 1	F M	. 80	44 41 61	66 66
J uly 1859	12	1	<u>r</u> e	. 30	"	11		11	2 2	M F	. 89 . 89	11	4
	12 12 12	1 1 1	F F	. 40 . 42 . 56	**	14 64	Average	11	8		. 85	41	44
Average	12	4	F	. 42	44	46	July 1867	11 11	1 2	F	. 58 . 67	44 61	**
Jan. 1860	12 12	1	M	. 32		44		11	ī	F M	. 75	16	**
	12	1	F M.	. 40	44	44		11	1 1 2 1	F M	. 80	**	16
	12 12	2	F	. 42	46	11		11 11	1	FM	. 85 . 89	**	11
verage	12	1	F	. 56	**	44		11	3	F	. 80	44	41
-LIVIAGO	12	7 .		. 43 <u>1</u>	66	11	Average	11	13 .		.701	11	44

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

HARNESS HANDS-Continued.

Payron	Jan. 1868													
						_	-			_				
Jan. 1868-	11	2	\mathbf{F}	. 75	- 44	14			1		\$1.00 1.02	per	day.	
	11	1 2	F	. 80			Average	11	7		. 941	84	44	
	11	1	M	. 90			Jan. 1872						44	
A womano				 		44		11	1	M	. 90		46	
_		ļ			14	44		11	3	F	1.00		46	
9 tily 1000	11	2 2	F	. 75			Average				-	44	44	
	11	2	F	. 80	4.4						_	44	44	
,	11	1	M	. 90		u "	July 1012	11	2	F	. 90		11	
			-	!	6.5	44		11	3	F	1.00		44	
-	ļ	1	ł				1	-	!			16	45	
48n. 1869	11	2	F	. 50	1.6	44		1						
	11	1	М	. 80	6.6	1.6	Jan. 18/3	11	' 3	F	. 90	6.6	66	
	11	1	M	. 89	4.6	16		11	2	F	1.00	8.6	11	
	11	1	F	. 92	- 66	t.	.1 .		,	F.			ů.	
				. 95 1. 00							_			
Average	11	13		. 77		**	July 1873	11	3	F	. 90	4.6	64	
~		1	F	1			-						66	
	11			, 50	6.6	11	Average	11			. 97	14	61	
		1			15	44 66	Jan. 1874	11	2	м	. 90		16	
	ii II	1	M	. 89	44	44		11 11	4	F	1.00	64	66	
	11 11	Î	F M	.92	44	46		11	i	F	1. 25		6.6	
	ii	i	F	1.08	4.6	46	Average	11	8		. 95	1.6	**	
Average	11	13		. 77½	10	66	July 1874	11 11	2 5	M F	.85	4.6	44	
Jan. 1870	11 11	1 1	F	. 45	41	11		ii	ĭ	F	1. 25	1.6	44	
	- 11	1	F	. 75 1. 00	66	41	Average	11	8		. 93	11	64	
	11 11	1 2	F	1.00	**	64	Jan. 1875	10	1 1	M	.80	11	4E 64	
Average	11	6		82}	14	44	l	10 10	5	F	.90	44	44	
July 1870	11	1	F	. 45		44		10	1	F	1. 25		44	
	111	1 1	M F	. 75	14	14	Average		8	3.5	, 93	**	64	
	11	1 1	F E	1.00 1.00	66	**	July 1875	10 10	1 5	F	.90	66	46	
	11	1	F	1. 02	**	44		10	1 1	M F	1, 25	44	44	
Average	11	6	ļ	. 83	4.6	41	Average	10	8		, 95	44		
Jan. 1871	11	1	F	.80	14	11	Jan. 1876	10	1	М	. 85	**		
	11 11	1	F M	. 85	11	41 41		10 10	1 5	M F	.90	11	14	
	11	1 2	F F	1.00	. 6	11		10	1	F	1. 25		4.6	
		1	F	1.02		11	Average	10	8		. 93		**	
Average	11	7		. 94	5.6		July 1876	10 10	2 4	У F	. 90	14	44	
July 1871	11 11	2	F M	. 85	6 h	44		10	i	F	1.25		6.6	
	11	1 1	M	1.00	11	41	Average	10	7		. 95	41	86	
1	17509	9, pt. 2-		48										

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued,

HARNESS HANDS-Continued.

Payroll of→	Hours per day.	Different employes.	Sex.	Rate	of	wages.	Payroll of-	Hours per day.	Different employés	Sex.	Rate	of	wages.
Jan. 1877	10 10 10	1 3 1	M F	\$0.90 .90 1.25	por	day.	Jan. 1884	10 10 10	1 1 1	M F	\$0, 90 . 90 1, 35	por	day,
Average	10	5		. 97	64		Average	10	3		1.05	11	
July 1877	10 10 10	1 3 1	M F F	. 90 . 90 1. 25	66 66	66 68	July 1884	10 10 10	1 1 1	M F F	. 90 . 90 1. 35	11	41 41
Λ verage	10	5		. 97	44	4.4	Average	10	3		1.05	44	
Jan. 1878	10 10 10	1 3 1	M F F	. 90 . 90 1. 25	11	61 66 61	Jan. 1885	· 10	2	F M	. 75 . 90	11	11
A.verage	10	5		. 97	**	41	Å	10	1	F	1.35		44
J uly 1878	10 10 10	1 3 1	M F M	. 90 . 90 1. 25	6 6 6 6 6 6	41 41 14	July 1885	10	2	F	. 93 $\frac{1}{9}$	14	14
Average	10	5		. 97	44	44		10 10	I	F .	. 90 1. 35	11	44
Jan. 1879	10 10	4 I	F F	. 90 1. 35	11	41	Average	10	4		. 931		16
Average	10	- 5	F	. 99	1.0	**	Jan. 1886	10 10	1 1	M F	. 90 1. 35	11	11
July 1879	10 10	1	F	. 90 1. 35	44	1 4 4 1	Average	10	2		1, 12}	* 1	"
Average	10	5	F	. 99	11	41	July 1886	10 10	1	M F	. 90	11	11
Jan. 1880	10 10	1	F F	. 90 1. 35	11	44	Average	10	1		1. 35 1. 12§		14
Average	10	5	F	. 99	44	44	Jan. 1887	10	1	м	. 90	"	16
July 1880	10 10	4	F	. 90 1. 85	64	66		10	1	F	1, 35	t i	44
Average	10	5	F.	. 99		**	Average	10	2		1. 12½	į,	14
Jan. 1881	10 10	4 1	F	. 90 1. 35	14	44	July 1887	10 10	1 1	M F	, 90 1, 35	**	11
Average	10	5	F	. 99	64	44	Average	10	2		1.12	41	11
J uly 1881	10 10	4	F F	. 90 1. 35	44	66	Jan. 1888	10 10	1 1	M F	. 90 1. 35	"	11
Average	10	5	F	. 99	4.6	44	Average	10	2		1. 121	"	**
Jan. 1882	10 10	5 1	F	. 90 1. 35	66	"	July 1888	10 10	1	M F	. 9 0 1. 35		11
Average	10	6	F	. 971	44	44	Average	10	2		1. 121	14	11
July 1882	10 10	5	F	. 90 1. 35	64 66	"	Jan. 1889	10	1	Te	. 60		"
Average	10	6	F	. 971	44	14	:	1 0 10	1	F	1, 00 1, 10	11	11
Jan. 1883	10 10	4	F	. 90 1, 35	"	14	Average	10	. 4	F	1. 25 . 98½		11
Average	10	5	F	. 99	"	44	Tuly 1000	,			#0	11	"
July 1883	10 10	4	F	. 90 1. 35		"	July 1889	10 10 10 10	1 1 1	IF	1.10	44 .	14 14 14
Average	10	5	F	. 99	41	44	Average	10		F	. 981	"	14

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued,

HARNESS HANDS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	nges.	Payroll of—	Hours per day.	Different employes.	Sex.	Rate	of v	vage	я.
Jan. 1890	10 10 10 10	2 1 1 1	F F F	\$0, 60 1, 00 1, 10 1, 25	4.6	lay.	Jan. 1891	10 10 10 10	2 2 1 1	F F F	\$0.60 .90 1.10 1.35	per	day	•
Average	10	5	F	. 91		**	Average	10	6	F	91	44	* *	
July 1890	10 10 10 10	2 1 1 1	F F F	. 60 1, 00 1, 10 1, 25		16 61 61	July 1891	10 10 10 10	2 2 1 1	F F F	. 60 . 90 1, 10 1, 35	+ 1	6 E	
Average	10	5	F	. 91			· Average	10	6	F	. 91	• • •	"	

	LABORERS.													
Jan. 1840	14	1	M M	. 75	per	day.	July 1848	14	- 1	М	1. 00	per	day,	
	14	1		. 87			. Jan. 1819	14	2	M	. 83	14		
Average	14	2	M	. 81	**	٠٠.		14	1	M	1.00	"	44	
July 1841	14	1	М	. 87	4.4	44	Average	14	3	M	.881		4.1	
Jan. 1842	14 14	1	M	. 75 . 83	14	44	July 1849	14 14	2 3	M	. 92	66	44	
- (- 14	1	М	. 87	11	44.5					!	44	6.5	
Average	14	3	М	. 811	"	44	Average	14	. 5		. 97			
July 1842	14	1	м	87	4.6	44	Jan. 1850	14 14	1 2	M	. 80	44	11	
Jan. 1843 July 1843	14 14	1	M M	.87	- 11 - 11 ₋	44		14	3	M	1.00	4.6	11	
Jan. 1844 July 1844	14	î I	M M	. 87	46	44	Average	14	6	M	. 94	tt		
Jan. 1845	14	î	M	. 87	4.6	£ ¢	July 1850	14 14	1 1	M M	.80		44	
July 1845	14	7	M	. 83	44	4.6	İ	14	5	M	1,00	4.6	4.6	
1	14	2	M	, 84	11	4.6		14 .	. 1	M M	1.17	44	16	
	14 14	1	M M	. 87	4.1	£ L		14 14	1 1	М	1. 25 1. 33	6.6	11	
1	14	1	M	1.00		11	Average	14	10	M	1.04	1.1	44	
Average	14	12	M	. 85 <u>1</u>	14	£ F	Jan. 1851	14	1	м	, 80		6.6	
Jan. 1846	14	3	M	. 83	66	11	FI I	14	5	M	. 92	11	11	
	14	1	M M	87	4.8	21	-	14.	2	M	1.00			
Average	14	5	м	. 851	**	4.5	Average	14	. 5	М	. 93	F4	p 4	
			_	_		**	July 1851	14	1	M	. 80	64	86	
July 1846	14 - 14	1 5	M	. 83	6.6	6.6	! !	14 ·	1 2	M	1.00	4.1		
	14	3	M	1.00	ę L	4.6	Average	14	4	М	. 93			
Average	14	9	M	, 93 1	66	41	Avorage	- **	. *		,,,,			
Jan. 1847	14	2	M	. 92	6 k	64	Jan. 1852	12.	1	M	. 83	11	14	
	. 14	1	М	1.00				12	3	M	1.00	11	6.6	
Average	14	3	M	. 911		**	Average	12	5	M	. 95	н	**	
July 1817	14	4	М	. 92	44	84	1 1	12	1	м	. 83	6.6	4.6	
	14 14	1 2	M M	. 96 1.00	7.		July 1852	12	i	M	. 88	1.5	64	
	- 14	ĩ	M	1.12	4.6	4.6		12.	4	M	. 90		**	
	14	1	M	1.17		4.6		12.	1 3	M M	. 92	11	6.8	
Average	14	9	M	. 99	64			12	10	M	. 921		4+	
Jan. 1848	14	1	М	. 92	6.6	11	Average	12.			_			
,	- 14	1	M	, 93	Ü	11	Jan. 1853	12	1	M M	. 85	44	eP LB	
	14 14	2	М М	1, 00	**	**		12 12	, £	M	1, 00	44	1.0	
Average	14	6	M	1.031	11	**	Average	12.	10	м	. 943		48	

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued, LABOBEES—Continued.

Payroll of	Hours per day.	Different employes.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	rage	8.
July 1853	12 12 12 12	1 4 5	M M M	\$0,85 ,90 1,00	De:I	day.	July 1862	11 11	5 1	M M	\$1.09 1.73	per	day.	
Average		10	И	944	54	61	Average	11	6	М	1 55	4.6	46	
Jan. 1e51	12	2	м	.90	64	44	Jan. 1863	11	4	М	1.00	44	44	
oan. icor	12	1 7	М	, 92 1. 00	66	16		11	1	М	1.33	4.8	44	
Average		10	М	. 97	14	66	Average	11	5	М	1.061	1.0	4.6	
	12	į	M	.92	44	44	July 1863	11 11	1	M	1.00	44	66 66	
July 1854	12	9	M	1.00	44	68		11	1	M	1.17	66	84 65	,
▲verage	12	10	М	. 99	**	44		11	1	- M	1. 00	66	ù	
Jan. 1e55	12	1	Ж	. 92	£1	44	Average	11	4	М	1.23	44		
	12	9	М	1.00			Jan. 1864	11 11	1 9	M	1.00 1.50	44	64 16	
Average			М	. 99	46	44		11	1	М	1.58	66	44	
July 1×55 Jan. 1×56	12 12	. 5	M	1.00 L 00	86	44	Average	11	11	М	1.46	11	64	
July 1856 Jan. 1857	12 12	1 1	M	1.00	66 66	46	July 1864	11 11	1 12	Л	1. 25 1. 75	66 66	66 68	
July 1457 Jan. 1454	12 12	4 4	М	1.00	66	66	11	11	1	М	1 83	4.6	46	
July 1-1-	12	1	м	1.00	1.6	64	Average	11	14	М	1.72	43	+6	
	12	1	М	1.17	8.6	#4	Jan. 1865	11	4 3	M	$\frac{1.50}{1.75}$	1.6	65	
$\mathbf{Av}(r_0\varphi)$	12	2	М	1.081	44	8.6.		11	+ î	Ŋ	1. 83	22	46	
Jan. 1859	12 12	1	M	1.00 1.17	11	1 6 4 6	Average	11	8	М	1.634	44	4.8	
Average			м	1.02	6.6	66	July 1865	11 11	1 11	M	L 50 1. 75	66	64 96	
July 1850	12	2	м	1.00		44	, !	ii	1	Ж	1.83	66	66	
om, roo	, 12	1	И	1.17	44	44	Average	11	13	М	1.731	44	44	
Average	12	3	М	1.051	66	44	Jan. 1866	11	12	Ж	1.75	6.6	46	•
Jan. [1860]	12 12	7	M M	. 90	44	66 -		- 11	1	М	1.83	46	44	
	12	1	М	1.00	11	44	Average	11	13	М	L 751			
	12	1	Ж	1. 33		**	July 1:5%	11 11	7	N M	1.75 1.~3	"	44	
Average		16	М	. 99½	11	46	Average	11		М	1.76	**	64	
July 1860	. 12	- 7 . 7	M	1.00	84	**	Jap. 1507	11	2 .	M	1.00	44	64	
	12 i	1	M	1. 25	86	66	ł	11 11	111	M		66	45	
Average	12	16	<u>M</u>	. 991	61	**	1	11	1	M	1 -4	44	**	
Jan. land	11	2	м	, An	61	44	Average	11	15	М	1, 65	6.5	86	
	11 11	2 7 2	M M	1. 33	66	44	July 1897	11	1	M M	1.50 1.57	41	66 65	
Average		11	<u>N</u>	1.02	66			11	1 12	М	1.75	11 68	54 64	
July 1e61	11	2 7	M		6.6	66		11 1		M	1, 63		46	
-	11 11	7 2	M	1.00 1.33	66	66	Average	- 1	16	M	1.74	68	44	
Average	11		<u></u>	1. 024	86	44	Jan. 1663	11 11	1	M	1.50 1.57	64	44 64	
Jan. 1862	11	1	M	ÄIJ.	4.6	44	a symmetry and a symm	11 11	12 2	M	1.75 1.83	64	14	
	11 11	6	M M	1.00	44	1.4	Average	11	16 :	Ж	1.74	44	14	
4	11	I	<u>M</u> _	1. 33	6.6	86	July 1868	11	1	M	1.50	14	44	
Average.	11 ,	9	M	. 993	**	8.6	1	ii	î		1. 67	86	64	

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

LABORERS—Continued.

- 11	Hours	T): 00 4		1				Hours	Dim.	l	Ī		
Payroll of	per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	per day:	Different employés.	Sex.	Rate	of w	ages.
July 1868-	11	12 2	M M	\$1.75	per	day.	July 1875	10.	2´ 2	М	\$1.10	per	day.
cone'd.	11		747	1.83				10 10	4	M	1. 15 1. 25	1.6	
_Average	11	16	M	1.74	**	6.6		10 10	1	M	1, 37 1, 50	44	44
Jan. 1869	13 11	15 2	M M	1.75. 1.83	14	44	Average		10	M	1. 23 1	44	44
Average	11	17	M	1.76	••	44	Jan. 1876	10	4	м	1. 10	44	46
July 1869	11 11	15 2	M	1. 75 1. 83	66	44		10 10 10	I 3 1	M M M	1, 15 1, 25 1, 33	44	44
Average	11	17	M	1.76	**	44		10	ī	M	1.50	44	44
Jan. 1870	11 11	. 21	M M	1.75 2.00	44	**	Average	10	10	М	1. 211	1.6	44
Average	11	23	М	1.77	44	44	July 1876	10 10	1 3	M M	1.00 1.10	46	64
-		1	į		44	**		10	3	M	1, 15	11	44
July 1870	11	21 2	M M	1.75 2.00	64	**		10, 10	2 1	M M	1.25 1,50	44	44
Average	11	23	М	1.77	41	44	Average	10	10	М	1. 17½	44	**
Jan. 1871 July 1871	- 11 11	11 11	M M	1.75 1.75	44	11	Jan. 1877	10 10	1 2	M	1.00 1.10	"	11
Jan. 1872	11	. 2	м	1.50	**	44		10,	4 9	M	1. 15 1. 25	16	66
	11	6 3	M	1.75 2.00	**	44		10	1	M	1.50	44	11
Average	11	11	M	1.771	**	"	Average	10	10	М	1.18	14	44
July 1872	11	1	M	1, 25		44	July 1877	10	5	М	1.10	44	44
	11	1 6	M	1.50 1.75	66	44		10	2 2	M	1. 15 1. 25		64
	11	3	М	2. 00	6.6	4.6		10,	ĩ	м	1.50	4.4	4.6
Average	11	11	М	1.75	'	**	Average	10	10	М	1.18	46	
Jan. 1873	11	2 8	M	1. 25 1. 50	44	41	Jan. 1878	10	. 1	М	1.00	14	11
				-				10 10.	5 2	M	1. 10 1. 15	5.6	66
Average	11	10	M	1. 45	4.6			10	1	M	1. 25	4.6	64
July 1873	11	1	M	1. 15	4.6	**		10	1	M	1.50	1.6	4.5
•	11	7	M	1. 25 1. 50	66	44	Average	10	10	M	1. 15	6.4	44
	. 11	1	M	1. 75	6.6	44							44
A	11	10	M	1. 311		46	July 1878	10 10	1 5	M	1.00	44	44
Average	11	10	I MI	1. 313				10	3	M	1.15	4.6	4.6
Jan. 1874	11	2 6	M	1.15	44	44		10	1	M	1. 25	4.4	**
	11	1 1	M	1. 42	66	44	Average	10	10	M	1.12	4.6	11
			·				Jan. 1879	10	6	М	1.10	64	44
Average	1	10	M	1. 27		46		10 10	6 1	M	1. 20 1. 25	66	49
July 1874	11	2	M	1. 10	44	66						44	44
	11	5	M	1. 25	44	44	Average	10	13	М	1.16	••	
	11	1 1	M	1.40 1.50	44	46	July 1879	10	6	M	1, 10	44	66
A	<u></u>		ļ			44		10 10	6	M	1. 20 1. 25	44	14
Average Jan. 1875	11 10	10	M	1. 25	44	44	Average		13	M	1. 16	**	44
2.3.0	10	3	M	1.15	44	44			6	M	1, 10	4.6	44
,	10 10	4	M	1. 25	44		Jan. 1880	10	6	M	1, 20	44	44
	ĩŏ	ĺ	M	1, 50	44	44		10	1	M	1. 25	44	
Average	10	10	М	1. 24	44	46	Average	10	13	M	1. 16	44	66

TABLE NIL-RATES OF WAGES FOR 52 YEARS-Continued.

COTTO N GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued, LABORERS Concluded.

Payroll of—	Hours per day.	Different ['] employés.	Sex.	Rate	of v	wages.	Payroll of—	Hours per day.	Different employés.		Rat	e of	wages
July 1880	10 10 10	6 6 1	M M M	\$1, 10 1, 20 1, 25	per	day.	Jan. 1886	10 10 10	8 4 2	M M M	\$1. 20 1. 30 1. 50	per	day,
Average	10	13	M	1. 16	"	44	Average	.10	14	M	1. 27	41	44
Jan. 1881	10 10 10	2 8 6	M M	1.00 1.10 1.20	66 66	66 66	July 1886	10 10 10	8 4 2	M M M	1. 20 1. 30 1. 50	15	() ()
A	10	1	<u>M</u>	1. 25	64	"	Average	10	14	M	1. 27	"	14
Average July 1881	10 10	17	M M	1.13	44	44	Jan. 1887	10 10 10	17 5 1	M M M	1.20 1.30 1.50	44 44	66 68 84
	10 10 10	6 . 1	M M M	1. 10 1. 20 1. 25	46	6 6 6 6	Average	10	23	M	1. 231		**
Average	10	17	M	1.13	**	"	July 1887	10 10 10	17 5 1	M M M	1.20 1.30 1.50	11	66 64
Jan. 1882	10 10	10 5	M M	1.10 1.20	44	11	Average	10	23	М	1. 231	"	**
A	10	1 1	M	1. 25	44	64	Jan. 1888	10 10 10	- 10 6 1	M M M	1. 20 1. 30 1. 50	11 11	11
Average	10	17	M	1.16	**	"	Average	10	17	<u>m</u> .	1. 254	41	
July 1882	10 10 10	10 5 1	M M M	1. 10 1. 20 1. 25 1. 50	46 46 41	44 44 44	July 1888	10 10 10	10 6	M M	1. 20 1. 30 1. 50	16	61 61
Average	10	17	M	1. 16			A	10	1	M		64	**
Jan, 1883	10 10 10	11 5 1	M M M	1. 20 1. 30 1. 50	"	14 41	Average Jan. 1889	10 10	17 10 6	M M M	1. 25 1 1. 20 1. 30	41	11
Average	10	17	M	1. 241	"	44	Average	10	1	M M	1. 50	44	44
July 1883	10 10 10	11 5 1	M M M	1. 20 1. 30 1. 50	16 14	64 64	July 1889	10 10 10	10 6 1	M M M	1. 20 1. 30 1. 50	11	44 64
Average	10	17	M	1. 24½	44	"	Average	10	17	M	1. 251	46	46
Jan. 1884	10 10 10	9 5 2	M M M	1, 20 1, 30 1, 50	6 6 6 6	4 6 6 6 4 6	Jan. 1890	10 10 10	14 7 1	M M M	1. 20 1. 30 1. 50	**	66 66
Average	10	16	M	1.27	"	44	Average	10	22	M	1. 241	44	11
July 1884	10 10 10	9 5 2	M M M	1. 20 1. 30 1. 50	6 6 6 6	44 44	July 1890	10 10 10	14 7 1	M M M	1. 20 1. 30 1. 50	66 66	16 65
Average	10	16	M	1. 27	44	•	Average	10	22	M	1. 241	**	46
Jan. 1885	10 10 10	8 4 2	M M M	1. 20 1. 30 1. 50	44	44 44	Jan. 1891	10 10 10	14 6 1	M M M	1, 20 1, 30 1, 50	44	44 44
Average	10	14	М	1. 27	44	"	Average	10	21	M	1. 241		££
July 1885	10 10 10	8 4 2	M M M	1, 20 1, 30 1, 50	44 44	61 61	July 1891	10 10 10	14 6 1	M M M	1. 20 1. 30 1. 50	44	64 64
Average	10	14	м	1. 27	66	41	Average	10	21	м	1. 241	44	44 .

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued. MACHINISTS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day,	Different employés.	Sex.	Rate	of v	vages.
Jan. 1840	14 14 14 14	1 3 3 1	M M M M	\$1. 25 1. 42 1. 50 1. 58	per	day.	Jan. 1846	14; 14. 14; 14;	1 4 1 6	M M M M	1. 33 1. 42 1. 50	per	day.
Average	14	8	М	1.45	1.6	41		14 14 14	2 2 1	M M	1.58 1.67 1,75	44	44
July 1841	14	1 3 3	M M M	1. 25 1. 42 1. 50		61 64	Average	14	17	M	1. 481	"	44
	14	1	M	1. 54	"	45	July 1846	14 14 14	1 5 2	M M M	1. 17 1. 33 1. 42	14	66
Average Jan. 1842	14	8	M	1. 25	4.6	44		14 14 14	5 2 1	M M M	1.50 1.58 1.67	44	46
уди. 1012	14 14 14	1 2 3	M M M	1, 33 1, 42 1, 50	44	4 4 4 4	Average	14	18	M	1.75	**	44
	14	1	M	1.54	66	44	Jan. 1847	14 14	1 5	M M	1. 17 1. 33	44	66
Average July 1842	14	8 2	M	1. 431	11	## ##		14 14 14 14	1 4 1	M M M	1. 42 1. 50 1. 67	"	41
	14 14 14 14	1 3 7	M M M M	1. 33 1. 42 1. 50 1. 54	11	"	Average	14	13	M	1.75 $1.43\frac{1}{2}$	**	"
Average	-	14	М	1. 44	**	44	July 1847	14 14	3 1	M	1, 33 1, 42	66	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
Jan. 1843	14 14 14	1 1 4	M M M	1. 25 1. 33 1. 42	16 16 66	44 44 44		14 14 14 14	3 1 1 2 2	M M M M	1.50 1.58 1.63 1.67 1.75	64 65 66	66 66 66
	14	1 3	M	1.50		**	Average	14	13	M	1. 531	"	44
Average July 1843	14	10	M	1.43	44	44	Jan. 1848	14 14	3	M	1.33 1.42 1,50	66	44 44
	14 14 14 14	1 3 1 1	M M M M	1. 25 1. 33 1. 38 1. 50	66	4.6 4.4 4.1		14 14 14 14	1 1 3	M M M M	1.58 1.63 1.67 1.75	66 66	66 66 66
Average	14	10	М	1. 28		66	A.verage	14	12	M	1.53	4.4	44
Jan. 1844	14 14 - 14 14	4 1 3 1	M M M	1. 17 1. 25 1. 33 1. 38	66	44	July 1848	14 14 14	3 2 3	M M M	1. 33 1. 42 1. 50 1. 58	44 44	64 65 66
Average	i	9	М	1. 25		44		14 14 14	1 1 4	M M M	1. 63 1. 67	44	46 46
July 1844	14	1	M M M	1. 25 1. 33 1. 42	46	41 41 41	Average	14	15	M	1.75	41	44
Average	14	10	м	1. 50	_	"	Jan. 1849	14 14	3 1 1	M M M	1.33 1.42 1.50	6 6 6 6	14
Jan. 1845	14 14 14	1	M M M	1. 25 1. 33 1. 42	66 68	14 14		14 14 14 14	. 3	M M M	1. 58 1. 67 1. 75	46	4.6 6.6 1.4
A wore or	14	3	M	1. 50		44	Average	n 14	10	1	1.52	**	**
Average July 1845	14 14 14 14	1 6 I 4	M M M M	1. 25 1. 33 1. 42 1. 50	E 61 64 65 66	66 66 66	July 1849	14 14 14 14 14 14	2 2 2	M M M	1. 33 1. 42 1. 50 1. 58 1. 67 1. 87	11	44 44 44
Average	14	-\	M	1.58	_	"	Average			_	1.54		44

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

MACHINISTS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
Jan. 1850	14 14 14 14 14 14	1 3 2 2 2	M M M M M	\$1. 33 1. 42 1. 50 1. 58 1. 67 1. 75	per day.	Jan. 1854	12 12 12 12 12 12 12 12	2 1 5 3 5 1	M M M M M M	\$1.33 1.42 1.50 1.67 1.75 1.83 2.00	per	day.
Average	14	12	M.	1.55	46 64	A	12	l				**
July 1850	14 14 14 14 14	8 4 3 1 2	M M M M M	1. 33 1. 42 1. 50 1. 58 1. 67 1. 75	14 44 44 44 44 44 15 14 14 41	Average July 1854	12 12 12 12 12	18 1 1 2 1 1	M M M M M	1. 62 1. 33 1. 42 1. 50 1. 58 1. 63	64 64 64 64	46 41 41 44
Average	11	14	М	1.49	66 88	ŀ	12 12	5 7	M	1.67 1.75	**	41 64
Jan. 1851	14 14 14 14 14	2 2 3 2	M M M M	1. 33 1. 42 1. 50 1. 67 1. 75	44 44 44 44 44 44 44 44		12 12 12 12 12	4 1 1 1 1	M M M M	1. 83 1. 86 1. 88 1. 96 2. 00	64 66 44	44
A.verage	14	10	M	1, 51	16 16	Average	12	26	M	1.71	14	44
# July 1851	14 14 14 14 14 14	1 1 3 7 1	M M M M M M	1. 25 1, 33 1, 42 1, 50 1, 63 1, 67 1, 75	66 66 66 46 64 66 66 64 66 46 66 46 66 46	Jan. 1855	12 12 12 12 12 12 12 12	1 1 1 3 4	M M M M M M M	1, 42 1, 50 1, 63 1, 67 1, 75 1, 83 1, 86 1, 88	44 44 44 44 44 44 44	46 66 64 44 46 66
Average	14	17	M	1.514	44 44		12 12	1 2	M M	1.96 2.00	11	6 6 6 6
Jan. 1852	12 12 12 12 12 12	3 2 5 1 2 1	M M M M M	1. 33 1. 42 1. 50 1. 63 1. 67 1. 75	66 46 66 44 66 44	Average July 1855	12 12 12 12 12 12	19 8 1 4 5	M M M M	1. 73½ 1. 50 1. 54 1. 67 1. 75	44 64 84	44 44 44 44
Average	12	14	M	1.501		1	12 12	1	M	1.83 1.86	66	14
July 1852	12 12 12 12	2 2 5	M M M	1. 33 1. 42 1. 50	41 44 44 44		12 12 12	1 1 2	M M M	1. 88 1. 96 2. 00	66	44
	12 12 12 12	1 1 2 1	M M M	1.55 1.63 1.67 1.75	14 14 11 44 11 14	Jan. 1856	12 12 12	20 6 1	M M M	1. 74 1. 50 1. 54	66	44 81
Average	12	14	М	1.52	" "		12 12	1 4	M M	1, 63 1, 67	66 66	66 66
Jan. 1853	12 12 12 12 12 12	3 1 4 1 1	M M M M	1. 33 1. 42 1. 50 1. 55 1. 57	44 64 64 64 64 64 64 64		12 12 12 12 12	4 3 1 1 2	M M M	1. 75 1. 83 1. 88 1. 96 2. 00	66 66 66 66	64 68 24
-	12	$\begin{bmatrix} 1\\2 \end{bmatrix}$	M	1. 63 1. 67	46 ; 46 RE 26	Average	.12	23	M	1.701	44	44
	12 12	2	M M	1. 75 1. 83	11 41	July 1856	12 12 12	1 9 2	M	1.50 1.67 1.75	44 68 41	66 66 64
Average	12	16	М	1.55	16 46		12 12	2 2 1	M	1. 83 1. 88	64 64	44
Julý 1853	12 12 12 12	8 1 6	M	1.33 1.42 1.50	44 64 44 64 44 64	_	12	2	M M	1, 96 2, 00	44	46
	12 12 12	1 4 3		1. 55 1. 67	66 66 66 66	Average	12	12		1.791	44	44
Average	12	19	M M	1.75 1.83 1.56	11 11	Jan. 1857	12 12 12 12	1 2 3	M	1. 50 1. 67 1. 75 1. 83	61 61 64	66 66

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

MACHINISTS-Continued.

Payroll of-	Hours per day.	Different employés.	Sex.	Rate of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wago	s.
Jan. 1857 cone'd.	12 12 12	1 1 1	M M M	\$1.88 per 1.96 " 2.00 "	day.	Jan. 1861 cone'd.	11	3 5	M M	\$1.83 2.00	per	day	
Average	12	12	M	1.78 "	64	Average		10	M	1.851		-	
July 1857	12 12 12 12	1 2 2 2	M M M	1,50 " 1,67 " 1,75 " 1,83 "	46	July 1861	11 11 11 11	1 1 3 5	M M M M	1.50 1.58 1.83 2.00	6 6 6 6 6 6	64 64 44	
	12 12	1	M	1.88 "	44	Average	11	10	М	1.851	**	64	
	12 12	1 2	M	1. 96 "	66	Jan. 1862	· 11 11 11	1 1 3	M M M	1.50 1.58 1.83	11	44	
Average	12	12	M	1.814 "	44		11	5	M	2.00	**	4.6	
Jan. 1858	12 12 12 12 12 12 12	2 1 2 1 1 1	M M M M M M	1.50 " 1.67 " 1.75 " 1.83 " 1.88 " 1.91 "	66 66 66 66	Average July 1862	11 11 11 11 11	10 1 1 3 5	M M M M	1. 85½ 1. 50 1. 58 1. 83 2. 00	61	44 44 44	
	12 12	1 2	M	1.96		Average	11	10	М	1.853	61	44	
Average	12	11	M	1.791 "	41	Jan. 1863	11 11	1 1	M M	1, 50 1, 63	44	44	
July 1858	12 12	1 2	M	1.33			111	1 3	M	1.75 1.83	**	"	
	12 12	2 1	M	1. 58			11	3	M	2.00	44	4.4	
	12 12	1 4	M	1.96 '4 2.00 '4		Average	1	9	М	1.82	44	**	
Average	12	11	М	1.751 "	41	July 1863	11	* 2 1	M	1.50 1.63	66	66	
Jan. 1859	12	1	M	1. 33 44	44		111	1 3	M	1.75 1.83	66	44	
	12 12	2 2	M	1.58 "			11	2 1	M	2.00 2.17	"	**	
	12 12 12	3 1 3	M M M	1. 83 44 1. 96 44 2. 00 44		Average		10	М	1.801		66	
Average	12	12	M	1.741 "	44	Jan. 1864	11 11	1 4	M	1.75 2.00	64	46	
July 1859	12	1	м	1.33 "	44		11	5 4	M	2, 25 2, 50	46	44	
	12 12	2 2	M	1.58	61 61 64	Average	11	14	M	2. 211	64	45	
	12 12	1	M	1.96	44	July 1864	11	1	M	1.75	44	61	
	12	3	M	2.00	41		11	3	M	2,00	44	44	
Average	12	13	M	1. 70	"		11	, 3 5	M M	2. 25 2. 50	44	"	
Jan. 1860	12 12	1 2	M	1.50 "	66	Average	11	13	М	2, 24	16	**	
	12 12	1	M	1.75 "	**	Jan. 1865	11	1	M	1.75		44	
e	12 12 12	3 1	M	1.96 "	44		11 11	3 6	M M M	2. 00 2. 25 2. 50	61	46	
Average	12	14	M	2, 00 " 1. 76½ "	44	Average	11	14	M	2. 23	44	46	
July 1860	12	2	м	1.50 "	**	July 1865	11	2	M	2.00	44	46	
	$\frac{12}{12}$	2 1	M	1. 58 " 1. 75 "	44		11 11	5 7	M	2. 25 2. 50	4.6	66	4
	12 12	3	M	1.83 "	66		11	1	M	2. 75		44	_
	12	4		2, 00 "		Average	11	15	M	2.364		44	
Average	12	13	M	1.791 "	**	Jan. 1866	11 1I	1 2	M	1.50 2.00	64 66	66	
Jan. 1861	11 11	1	M	1.50 "	**	IĮ.	11	14	M	2. 17 2. 25	44	64	

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS-Continued.

MACHINISTS Continued.

Payrol! of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	e of	wages
Jan. 1866– cone'd.	11 11	6 2	M M	\$2.50 2.75	per	day.	July 1870	- 11 - 11 11	1 6 10	M M M	\$1.75 2.25	per	day.
Average	11	16	M	2. 321	66	44	İ	11	4 3	M M	2. 50 2. 75 3. 00	44	**
July 1866	11 11	1 3	M M	1. 67 2. 25	46	"	Average	11	24	м	2.51		44
	11	1 6	M	2.33	46		Jan. 1871	11	1	M	1.75	44	**
	11	4 2	M	2.75	46	66		11	10	M	2. 25 2. 50	66	44
Average	11	17	M	2.511	41	**		11	3	M M	2.75 3.00	64	16
Jan. 1867	11	1	м	1.67	41	44	Average	11	22	М	2. 541	44	14
J 1007	11 11	$\frac{1}{2}$	M	2. 25 2. 33	66	44	July 1871	11 11	1	M	1.75	44	44
	11	8	M	2.50	4.6	44		11	10 10	M M	2. 25 2. 50	8.6	44
	11 11	4 3	M	2.75 3.00	"	44		11 11	3 4	M M	2.75 3.00	44	44
Average	11	19	М	2. 551	44	••	Average	11	22	М	2.541	4.6	"
July 1867	11 11	1 3	M M	1.67 2.25	"	46	Jan. 1872	11 11	2 9	M	2. 25	66	"
	11 11	1 8	M	2, 33	44	44		11	3	M	2. 50 2. 75	64	44
	11	5	M	2.50 2.75	4.6	44		_11	4	M	3.00	44	**
Average	11	- 1	М	3.00	44	66	Average	11	18	M	2. 621	64	44
_	11	22	М	2.57			July 1872	11 11	8	M M	2. 25 2. 50	44	14
Jan. 1868	11 11	1 4	M M *-	1.58 2.25	66	66		11 11	3 4	M	2.75 3.00	44	66
	11 11	1 9	M	2, 33 2, 50	8.6	66	A word as	11	18	M	2, 61	**	44
	11 11	4 3	M M	2.75 3.00	**	66	Average Jan. 1873	11	1 1	м	2.00		44
Average	11	22		2. 52	66	11	Jan. 1873	11	5 7	M M	2. 25 2. 50	66	44
July 1868	11	1	м	1. 58		44		11	4 1	M	2.75 3.00	64	66
i	11	4 1	M. M	2.25 2.33	46	44		11		M		4.6	41
	11 11	9	M M	2, 50	44	66	Average	- 1	18		2.481		
	ii	3	M	2.75 3.00	44	44	July 1873	11	6	M	2.00 2.25	11	46
Average	11	22	м	2. 52	6.6	6.6		11 11	8	M	2.50 2.75	**	"
Jan. 1869	11	1	M	1, 67	44			11	î	M	3.00	46	15
	11 11	2 4	М М	2.00 2.25	66	44	Average	11	18	M	$2.40\frac{1}{4}$	44	"
	11 11	6	M	2. 50 2. 75	**	46	Jan. 1874	11	2	М	2,00	84 11	46 66
	îî	5	M	3, 00	44	"		11	8	M	2, 25 2, 50	6.6	"
Average	11	21	м	2.52	64	"		11	1 I	M	2, 75 3, 00	46	**
July 1869	11 11	1 2	М	1.67 2.00	66	6,6	Average	11	18:	м	2. 401	41	44
-	11 11	4	M	2. 25	66	46	July 1874	11	1	м	1.75	64	46
	11	3	M	2, 50 2, 75	6 4	61		11	3	М	2.00 2.25	64	**
A womage	11	5	M	3, 00	"	44		11 11	9	M	2.50 3.00	44	44
Average	11	21	M	2.52	44	**	Average	11	18	М	2, 331	44	tt
Jan. 1870	11 11	1 6	M	1.75 2.25	46	41	Jan. 1875	10	1	M	1. 75		
	11 11	10	M	2.50 2.75	44	41 66	J 44. 1075	10	5	M	2.00	44	86 84
	ii	3	M	3. 00	44			10 10	5 6	M M	2. 25 2. 50	46	44
Average	11	24	М	2.51	86	44	!	10	1	М	3.00	14	16
1	ı	1	1			Į,	Average	10	18 ,	M	2. 28	44	44

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

MACHINISTS-Continued.

					_						,		
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	Hours per day	Different employés.	Sex.	Rate	of w	ages.
July 1875	10 10 10 10 10	1 5 6 5	M M M M	\$1.75 2.00 2.25 2.50 3.00	per	day.	Jan. 1880	10 10 10 10 10 10	1 2 3 6 2	M M M M M	\$1.50 1.65 1.90 2.00 2.50 2.75	per "	day.
Average	10	18	M	2. 261	64	11		10	î	M	3, 00	4.6	**
Jan. 1876	10 10	2	M M	1, 75 2, 00	46	41 44 41	Average	10	16	М	2.08	44	,
•	10 10 10	6 5 1	M M M	2. 25 2. 50 3. 00	66	14	July 1880	10 10 10	1 2 3	M M M	1. 50 1. 65 1. 90	44	"
Average	!	18	M	2. 25 1. 75	"	44		10 10 10	. 2	M M M	2. 00 2. 50 2. 75	44	**
July 1876	10 10 10	3 4 7	M M M	2.00 2.25	14		Average	10	16	M	2. 08	44	66
	10 10 10	1 1	M M M	2.50 2.75 3.00	44	44	Jan. 1881	10	1	М	1.50	14	si'
Average		18	М	2. 21	61	**		10 10	3	M M M	1.65 1.75	44	64 64
Jan. 1877	10 10 10	6 5	M M M	1.75 2.00 2.25	6 8 6 6 6 6	44 44 44		10 10 10 10	3 6 1 3	M M M	1.90 2.00 2.25 2.50	66 66	6 6 6 6
· ·	10 10 10	2 1 1	M M M	2. 50 2. 75 3. 00	**	44		10 10 10	1 1	M M M	2.75 3.00 3.50	66	44
Average	10	18	M	2. 18	44	44	Average	10	22	М	2.161	6 6	16
July 1877	10 10 10 10 10	3 9 3 2 1	M M M M	1.75 2.00 2.25 2.50 3.00	44 44 44 44	61 64 65	July 1881	10 10 10 10 10	1 3 1 3 6	M M M M	1. 50 1. 65 1. 75 1. 90 2. 00	46 41 46 41	16
Average		18	М	2, 11	44	ω,		10	1 3	M	2. 25 2. 50	41	14
Jan. 1878	10 10 10	1 11 3	M M M	1. 75 2. 00 2. 25	44 44	66 45 41		10 10 10	1 1	M M M	2. 75 3. 00 3. 50	44	46
	10 10 10	1 1	M M M	2.50 2.75 3.00	64 66	44 44 64	Average		22	M	2. 16	44	11
Average	- 10	18	М	2.151	44	44	Jan. 1882	10	1 2	M	1. 50 1. 65	66	44
July 1878	10 10 10 10	1 14 1 1	M M M	1.75 2.00 2.25 2.75	44 44 44	44		10 10 10 10 10	5 2 4 1	M M M M M	1. 90 2. 00 2. 25 2. 50 3. 00	61 61	11
	10	1	. M	3.00	. "	**	Average	10	19	M	2. 10	6.6	
Average	1	18	M	2.091	46	44	July 1882	10	1	M	1.50	41	44
Jan. 1879	10 10 10 10 10 10	1 2 3 6 2 1	M M M M M	1.50 1.65 1.90 2.00 2.50 2.75	66 68 66 66	61 64 64 64 64		10 10 10 10 10 10	2 4 5 2 4 1	M M M M M	1. 65 1. 90 2. 00 2. 25 2. 50 3. 00	66 66 66 68	66 66 66 16
A ware ~	10	16	M	2.08		44	Average	10	19	M	2.10	**	44
Average July 1879		1 2 3 6 2	M M M M	1.50 1.65 1.90 2.00 2.50	44 44 44	66 66 66	Jan. 1883	10 10 10 10 10 10	1 1 7 2 2	M M M M M	1. 50 1. 65 1. 75 1. 90 2. 00 2. 25	66	66 66 66 66 66 66
	10	1	M M	2, 75 3, 00	**	44		10 10	1	M	2, 50 3, 00		44
-≜verage	10	16	M	2.08	**	44	Average	10	19	M	2.09	46	44

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued, MACHINISTS—Continued,

					на	CHIMIS	TS—Continu	ea.						
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	e of	wages.	Payroll of—	Hours per day.	Different employés		Rat	e of	wag	es.
July 1883	10 10 10 10 10	1 1 1 7 2 2	M M M M M	\$1.50 1.65 1.75 1.90 2.00 2.25	11	r day.	Jan. 1887- conc'd.	10 10 10 10 10	1 3 1 1 2	M M M M M	\$2.00 2.25 2.50 2.75 3.00	pe		7.
	10 10	1	M M	2. 50 3. 00	44	44	Average July 1887	10	16	M	2. 16		44	
Average	10	19	M	2.09	66	14	July 1007	10 10	1 1 6	M M M	1.50 1.75 1.90	44	44	
J an. 1881	10 10 10 10 10 10	1 3 1 2	M M M M M	1. 65 1. 75 1. 90 2. 00 2. 26 2. 50	66 66 66	64 64 66 66		10 10 10 10 10	1 3 1 1 2	M M M M M	2. 00 2. 25 2. 50 2. 75 3. 00	66	44	
	10 10	1 1	M M	2.75 3.00	44	44	Average	10	16	M	2. 161	66	44	
Average July 1884	10 10 10 10	12 1 1 3	M M M M	2. 19½ 1. 65 1. 75 1. 90 2. 00	44 44 44	66 66 66	Jan. 1888	10 10 10 10 10 10 10	2 2 5 1 5	M M M M M M	1. 50 1. 75 1. 90 2. 00 2. 25 2. 50 3. 00	64 64 64 64 64	11 11 16 16 16	
	10 10 10	2 2 1	M	2. 25 2. 50 2. 75	44	44	Average	10	16	м	2.08	14	16	
	10	i	M M	3.00	44	44	July 1888	10 10	2	М	1.50	11	**	
Average	10	12	M	2. 19½	"	6.6		10 10	2 5	M M	1.75 1.90 2.00	44	46	
Jan. 1885	10 10 10 10	1 3 1 2	M M M M	1. 75 1. 90 2. 00 2. 25	16 11 14	66 68 61 84		10 10 10	1 3 1 2	М Л Л	2. 25 2. 50 3. 00	66	14	
	10 10 10	2 1 1	M M M	2. 50 2. 75 3. 00	44	4.6 4.6	Average Jan. 1889	10	16 1	M M	2.08 1.50		64	
Average	10	11	M.	2. 241	4.6	46		10 10	2 5	M M	1.75 1.90	4.6	46	
July 1885	10 10 10 10	1 3 1 2	M M M	1.75 1.90 2.00 2.25	66 66	64 44 44		10 10 10 10	1 3 1 2	M M M M	2. 00 2. 25 2. 50 3. 00	44	64 64 64	
49	10 10	2 1	M M	2. 50 2. 75	6 6 6 6	66	Average	10	15	M	2. 11½	4.6	**	
Average	10	1 11	М	2. 241	46	44	July 1889	10 10 10	1 2 5	M M M	1.50 1.75 1.90	44	14	
Jan. 1886	10 10 10 10	1 4 1 2	M M M	1.75 1.90 2.00 2.25	64 64 64	66 66		10 10 10 10	1 3 1 2	M M M M	2. 00 2. 25 2. 50 3. 00	22 72	43	
	10 10	2	M	2.50 2.75	44	44	Average	10	15	M	2. 11½	"	44	
A verage	10	1 12	M	3.00 2.211	**	11	Jan. 1890	10 10 10	1 4 1	M M M	1.50 1.90 2.00	16	66 66	
July 1886	10	1	м	1.75		44		10	1 1	M	2. 25 2. 50	64	66 66	÷.
	10 10 10	4 1 2	M M M	1.90 2.00 2.25	44	44		10	2	M	3.00	66	44	
	10 10	2 1	M M	2. 50 2. 75	66	46	Average	10	11	M	2. 19	**	"	
	10	1	М	3.00	4.6	11	July 1890	10 10 10	4	M M M	1. 50 1. 90 2. 00	44	11	
Average	10	12	М	2. 21 ½	6.6	**		10 10	1 2 1	M M	2. 25 2. 50	44	44	
Jan. 1887	10 10 10	1 1 6	M	1.50 1.75	46 44	66 66		10	2	М	3. 00	"	44	
'	AU I	0 1	M	1.90		**	Average	10	11	M	2. 19	44	86	

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

MACHINISTS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	e of	wages.
Jan. 1891	10 10 10 10 10 10	1 5 6 2 1 2	M M M M M	\$1.50 1.75 1.90 2.25 2.50 3.00	per	day.	July 1891	10 10 10 10 10 10	1 5 6 2 1 2	M M M M M	\$1.50 1.75 1.90 2.25 2.50 3.00	per	day.
Average	10	17	M	2.04	44	44	Average	10	17	М	2.04	"	64

MACHINISTS' APPRENTICES.

							1						
			:			_	11	l	. 1		ł		_
Jan. 1840	14	1	M	. 68	per	day.	Jan. 1849	14	2	\mathbf{M}	. 50	per ·	dav.
	14	î	M	1,00	111	11		14	ī	M	. 75	1,1	"
July 1841		î			4.6	16	11		2			"	**
July 1842	14		M	. 58				14	2	M	. 83		
Jan. 1845	14	3	M	.85	1.6	4.6	11 1	14	2	M	1.08	44	6.4
								14	2	M	1.17	4.6	4.4
- 1 -01-	4.4	1	DOM:	. 75	6.6	4.6		3.5	_	ALE:	1.1.		
July 1845	14		M										
- 1	14	1	M	.85	4.6	6.6	Average	14	9	M	.88	6.6	16
				!			"				1		
1i	1.4	2	M	. 80	6.6	4.6	H i						
Average	14	4	31	. 80			July 1849	14	1	M	. 50	4.6	6.6
- 1			l				2,413 1010	14	ī	M	. 60	6.6	1.6
Jan. 1846	14	1	M	. 50	6.6	6.6						4.6	4.4
оац. 1040		2	M	.75	4.6	6.6		14	1	м	, 67		
					6.6	4.6		14	1	M	.75	44	16
l	14	1	M	. 83				14	1	M	. 83	6.6	6.6
	14	2	M	1.00	6.6	4.6			î		1.06	44	44
								14	1	M		14	44
	14	C	7./	901	4.6	6.6		14	2	M	1.08		
Average	14	6	M	. 801		*-	}	14	1	M	1.17	6.6	6.4
			ļ										
July 1846	14	1	M	. 63	4.6	44	1	11.7		3.5	O.C	4.5	66
oury rose	14	3	M	.75	4.6	4.6	Average	14	o o	M	. 86	•••	••
						44							
	14	2	M	. 92			II						
	14	2	M	1.00	64	4.6	Jan. 1850	14	1	M	. 60		1.6
		·						14	ĺí	M	. 75	14	4.6
			3.5		66	4.6						41	
Average	14	8	M	. 84			H	14	1	M	. 80		44
-		1					B	14	2	M	. 83	1.6	
Jan. 1847	14	1	M	. 50	6.6	4.4	ll .	14	1	M	1.06	4.6	6.6
9 MH' TO#1					6.6	6.6	1		î		1.08	44	4.6
	14	1	M	. 60				14		M			
	- 14	1	M	. 67	4.6	EE	\ \	14	1	M	1.17	4.6	6.6
	14	2	M	. 75	1.4	4.4		14	1	M	1.25	6.4	1.6
		- 5	M	. 83		44			1		1		
	14	2 2			64	44				7.7	00	6.6	4.6
	14	1 2	M	. 92			Average	14	9	\mathbf{M}	. 93	•••	••
*	14	1 1	M	1.00	4.6	66		1	ļ				
	14	2	M	1.08	6.6	6.6	July 1850	14	2	M	. 80	4.6	4.6
	14		7ET.	1.00			0 my 1000					44	11
							11	14	1	M	1.00		
 Average 	14	12	M	. 824	1.6	4.6	il .	14	2	M	1.17	6.6	6.6
ar i or ugo				9			1						
	٠				44	64	II	' 14	5	M	. 99	4.6	66
July 1847	14	2	M	.50			Average	14	Ð	WI.	. 99		
•	14	1	M	. 60	4.4	6.6	11	1			i		
	14	3	M	. 75	6.6	1.6	Jan. 1851	14	. 1	M	, 50	6.6	3.3
					6.6	6.6	0 1000	14	i ī	M	. 60	4.6	4.6
	14	1	M	. 83								11	4.4
	14	1	M	1.00	8.6		11	14	2	M	. 80		
	14	2	M	1.08	4.6	11		14	1	M	1.00	15	6.6
		2	m	1.17	4.6	6.6	11	14	2	M	1.17	6.6	4.4
	14	2	341	1.11				1. 14		141	4.41		
							1 .	· · · ·			05:	66	4.6
Average	14	12	\mathbf{M}	. 85	8.6	6.6	Average	14	7	M	. 861		**
	_ ^*	1	1	1 2					!		"		
T. 40:0			3.5	or	6.6		T-1- 1051	14	2	М	.50	4.6	44
Jan. 1848	14	1	M	. 67			July 1851					66	44
	14	3	M	. 75	8.6	6.6		14	1	M	. 80		**
	14	3	M	. 83	4.4	11							
					44	66	A TTOTAL TO	14	3	M	. 60	6.6	64
	14	1	M	. 92		**	Average	14	3	145			
	14	2	M	1.08	4.6	6.6	ll .	1	ŀ	l			
	14	2	M	1.17	4.4	8.6	Jan. 1852	12	1	M	. 50	116	44
	14		111	1.11			1 2 11111 13011	12	l î	M	. 80	14	4.6
		1-		000		66						6.6	6.6
Average	14	12	\mathbf{M}	. 90%	6.6	**		12	2	м	1.00	66	44
	-	·	1	1			H.	12	2	M	1.17		**
July 1040	1.4	1	M	. 50	44	44	II.						
July 1848	14				66		A	10		M	. 94	6.6	44
	14	1	M	, 75			Average	12	6	TAT	. 99		
	14	2	M	. 83	6.6	* *	11		i				
			M	.92	14	44	July 1852	12	1	M	. 50	6.6	16
	14	1			14	44	1 0 ary 1002			M	. 80	4.4	4.6
	14	1	M	1.00			II .	12	1			6.6	66
	14	1	M	1.08	44	+4		12	3	M	1.00		
	14	2	M	1.17	6.6	6.6	II	12	1	M	1.17	66	44
	14	4	1	1.1.									
		1	3.5	055	44	46	A	10	6	м	. 91	**	64
Average	14	1 9	M	.91	64	4.6	Average	1 12	, 6	. TAT	»T		
		•		_			_						

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40; MASSACHUSETTS—Continued, MACHINISTS' APPRENTICES—Continued.

		1										_	
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages	Payroll of—	Hours per day.	Different employés.	Sex.	Rata	e of	wages.
Jan. 1853	12 12 12 12	1 1 2 3	M M M	\$0,50 .60 .80 1.00	pe		July 1857	12 12 12	- 4 1 1	M M M	\$1, 00 1, 12 1, 17	pe	r day.
	12	ı	M	1. 17	**		A verage	12	6	М	1.05	66	**
Average	12	8	М	. 86			Jan. 1858	12	1	M	1.00		
July 1853	12 12	3	M	. 50	44	4.6		12	1:		1.12	6.4	1.6
	12 12	1 2	M	1.00	"	6.6	Average		2	М	1, 06		11
	$\frac{12}{12}$	$\frac{2}{1}$	M	1. 17 1. 25	11		July 1858 Jan. 1859	12 12	1 1	M M	1.00 1.00	11	11
Average	12	11	M.	. 91	"	4.6	July 1859	12	1	M	. 75		
Jan. 1854	12 12	1	M M	. 50	44	"		12	. î	M	1. 60		44
	12 12 12	1 1 6	M M	. 83 . 92 1. 00	66		Average	. 12	2	M	. 87½	6.6	**
	12 12	2 1	M M	1. 17 1. 25	6 &	"	Jan. 1860	12 12	1	M M	. 75 1. 00	11	j4 14
Average	12	12	M	. 981	"	44	Average	12	2	M.	.87 <u>1</u>	* *	44
July 1854	12 12 12	1 5 1	M M M	. 50 1. 00 1. 12	11	1 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	July 1860	12 12	1 1	M M	. 75 1. 00	**	16
İ	12 12	1	M M	1. 17 1. 25	64	66	Average	12	2	М	, 87 <u>1</u>	44	**
Average	12	12	M	1.041		4.5	Jan. 1861	11	3	м	1.00	11	44
Jan. 1855	12 12	1 6	M M	. 83 1. 00	"	66	July 1861 Jan. 1862	11	3	M	1.00 1.00	**	45
	12 12 12 12	1 2 1	M M M	1. 12 1. 17 1. 25	. e"	44	July 1862 Jan. 1863	11 11	1 1	M M M	1. 00 1. 00 1. 17	66	44 44
Average	12	11	M	1.05	6 6	41	Average	11	2	M	1.081	14	44
July 1855	12 12	1 1	M M	. 60 . 83	££.	64 64	July 1863	11 11	2.	M M	1, 17 · 1, 25	ii.	"
	$\begin{array}{c c} 12 \\ 12 \\ 12 \end{array}$	1 8 1	M M M	. 88 1. 00 1. 08	44	£4	Average	11	- 3	М	1. 191	61	**
	12 12 12	1 1	M M M	1. 12 1. 17 1. 25	64 64	6 6 C C 6 6	Jan. 1864	11	3	M	1.00 1.17	46	£1
Average	12	15	M	. 991	64	44	Average	11	4	М	1.041	4.6	**
Jan. 1856	12	1	М	. 70		44	July 1864	11 11	2	M M	1.00 1.17	66	11
-	12 12 12	$\begin{bmatrix} 4 \\ 2 \\ 1 \end{bmatrix}$	M M M	1.00	66	66 66	-	11	1	M	1. 25		"
	12 12	2 1	MM	1. 12 1. 17 1. 25	44	44	Average	11	4	,	1. 101	**	41
Average	12	11	M	. 971	4.6	66	Jan. 1865	11	1	M M	1.00 1.25	41	"
July 1856	12	4	м	1.00	44	"	Average	11	2	M	1. 12 1	* *	**
	12 12 12	$\begin{bmatrix} 1 \\ 2 \\ 1 \end{bmatrix}$	M M M	1. 12 1. 17 1. 25	e e e e	11	Jan. 1866 July 1866 Jan. 1867	11 11	1 1		. 67 1. 00	66 66	44 44
Average	12	8		1.09	4.6	44	July 1867 Jan. 1868	11 11 11	3	M	1.00 1.00 1.17	11	16
Jan. 1857	12	6	M	1.00	66	16	July 1868 Jan. 1869	11 11	4	M .	1. 17 1. 17 1. 17	64	; E 16
	12 12 12	1 2 1	M M	1. 12 1. 17 1. 42	6 E 6 E	64 65	July 1869 Jan. 1870 July 1870	11 11 11	1		1. 17 . 83 . 83	6 6 6 6	11
Average,	12	10	M	1.09		66	Jan. 1871 July 1871	11	1	M	1.00 1.00	44	M

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

MACHINISTS' APPRENTICES -Continued.

												-	
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	vages.
Jan. 1872	11 11	1 1	M M	\$0.83 1.25	per	day.	Jan. 1883	10 10 10	1 1 2	M M M	\$0.75 .90	per	day.
Average	11	2	М	1.04	14	44		10. 10.	4 2	M	1. 10 1. 20	11	"
July 1872	11 11	1	M M	. 83 1. 25	66 66	41	Average	10.	11	M M	1. 25 1. 06½	**	"
Average	11	2	М	1.04	"	16	July 1883	10 10	, 1 1	M M	. 75	6.6	4.6
Jan. 1873	, 11 11	1 1	M M	1.00 1.25	45	11		10 10	2 4	M	1.00 1.10	4.6	6 6 6 6
Average	11	2	M	1. 12	. "	**		10	1	M	1. 20 1. 25	14	**
July 1873 Jan. 1874	11 11	2 2	M M	1.25 1.25	"	66	Average	1	11	M	1.061	44	**
July 1874	-11	2	M	1, 25	44	44	Jan. 1884	10.	2	M	.75	. 1	4.6
Jan. 1875	-10	2 2	M	1.25	44	44	11	10 10	1 1	M	, 90 1, 00	6.6	66
July 1875 Jan. 1876	10	2	M	1. 25	64	**		10	5	M	1.10		
July 1876	10	2 2	M	1.25	4.6	6.6				-		1.4	
Jan. 1877	10	2 2	M	1. 25	66	66	Average	10	9	M	. 99	14	
July 1877 Jan. 1878	10 10	1	M	1. 25	16	66	July 1884	10	2	M	. 75	4.4	6.6
July 1878	10	î	M	1. 25		66	0 023 2002	10	1	\mathbf{M}	1.00	* 6	4.5
					"	44	li li	10	5	M	1.10	16	£ 4 L 6
Jan. 1879	10	1 2	M	. 75 1. 00	44	"		10	1	M	1. 15		
Average	10	3	M	· . 91	<u>,</u> "	**	Average		. 9	M	1.011		46
T 1 1050	1: 10	1 ,	M	.75	66	66	Jan. 1885	10	2 3	M	1.00 1.10		
July 1879	10 10	1 2		1,00				10	i	M	1.15	14	1.5
Average			M	. 91	- } ''	4.6		10 10	1	M	1. 20 1. 25	44	16
_	1	1	M	. 75		44	Average	10	8	M	1.113		
Jan. 1880	10			1.00	4.6	14	_		Į.	1	-		
/ A mono m	10	3	M	. 91	1 4	4.6	July 1885	10 10	3	M	1.00 1.10	44	44
Averag	e 10	9	1	. 01			1	10	1	M	1.15	4.6	4.4
July 1880	10 10			1.00		66		10	I	M	1. 20 1. 25	11	66
Averag				. 91	_	44	Averag	e 10	В	M	1. 113	. "	4.6
Jan. 1881	10	1	M	.75	11	**	Jan. 1886	10	1	M	1.00	"	4.6
ояп. 1001	10	1	M	1.00	4.1	66	J 5 All. 1000	10	2	M	1. 10 1, 25	6.6	66
Averag	e 10			1. 10	_		Averag		-	-\	1. 14	- 41	44
July 1881	ı		1	.75		44	July 1886	1			1.00	41	66
0 tily 1001	10	1 1	. M	1.00	6.6	- 11	0 013 1000	10 10	2	M	1. 10 1. 25	16	4.6
	10		_	1. 10	_		Averag		_	_	1.14	- "	46
Averag	e 10	'	, M.	1									16
Jan. 1882				. 75			Jan. 1887	10	2		1.00		
	10		M	1.00	,		il	10			1.15	t¢	
	10		M	1.00				10	1	M	1, 20	44	
-2	10		M	1. 25	. "			10			1. 25	- "	
Averag	e 10) 7	M	1.08	- "	44	Averag	e 10		-	1. 11	_	
July 1882	2 10		[м	. 78	, ,,		July 188'	7 10) 2		1.00	11	
ζ.	1 10) j	M	.90) "			10		M	1, 10 1, 15	44	
	1(1.00	,			10			1. 20		4.6
Q. T	10			1. 10	,			10				14	6.6
Averag		-	_	-	_		Averag	e 10	5	3 M	1.11	1 4	44
12 13 10 10 10 10	~ 1	' '	1 202	1 2.00	-			, , ,	•		~		

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued. MACHINISTS' APPRENTICES—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.		Rate	of	wages.
Jan. 1888 July 1888	10 10	4 4	M M	\$1. 10 1. 10	per	day.	July 1890	10 10	1 1	М М	\$1, 10 1, 30	per	day.
	1						Average	10	2	M	1. 20	11	44
Jan. 1889	10 10	. 2	M M	1.10 1.25	**	**	Jan. 1891	10 10	1	M M	1,00 1,10	44	16
Average	10	3	М	1.15	44	**		10 10	1 1	M	1. 20 1. 25	41	46
July 1889	10	2	M	1. 10	44	14		10	1	М	1. 35		14
,	10	1	M	1.30	4.8	44	Average	10	5	M	1.18		**
Average	10	3	М	1.161	"	44	July 1891	10 10	1	M M	1.00 1.10	11	44
Jan. 1890	10			1. 10	£4	41		10 10 10	1 1	M M M	1. 20 1. 25 1. 35	. 11	11 -
	10			1.30					ļ				
Average	10	2	M	1.20	6.6	()	Average	10	5	M	1.18	"	"

MASTER MACHINISTS.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued. OVERSEERS, CARDING DEPARTMENT.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
an. 1840	14	1	м	\$2.00	per d	lav.	Jan. 1868	11	1	M	\$3.00	Der	day.
uly 1841	-14	1	M	2.00		***	July 1868	11	î	M	3.00	- 11	44
an. 1842	14	1	M	2.00	44	66	Jan. 1869	11	1	M	3,00	(1	4.4
uly 1842	14	1	M	2.00		4.6	July 1869	11	1	M	3.00	6.1	4.4
an. 1843	14	1	M	2.00	44	14	Jan. 1870	- 11	1	M	3, 00	4.4	44
uly 1843	14	1	M	2,00	44	44	July 1870	11	1	M	3.00	6.6	6.6
n. 1844	14	1	M.	2.00	6.6	4.6	Jan. 1871	11	1	\mathbf{M}	3.00		6.6
uly 1844	14	1	M	2.00	44	44	July 1871	11	1	M	3, 00	6.6	6.6
an. 1845	14	1	M	2.00	6.6	66	Jan. 1872	11	1	M	3.00	4.6	66
uly 1845	14	1	M	2.00	64	11	July 1872	11	1	M	3.00		44
an. 1846	14	1	M	2.00	6.6	11.	Jan. 1873	11	1	M	3.00	4.0	6.6
uly 1846	14	1	M	2.00	44	44	July 1873	11	1	M	3,00	4.4	44
an. 1847	14	1	M	2.00	44	41	Jan. 1874	11	1	M	3.00	66	46
uly 1847	-14	1	M	2.00		44	July 1874	11	1	M	3.00	11	14
an. 1848	14	1	M	2.00	11	44	Jan. 1875	10	1	M	3.00	66	64
uly 1848	14	1	M	2.00	61	46	July 1875	10	1	M	3.00	44	44
an. 1849	14	1	M	2.00	6.6	66	Jan. 1876	10	1	M	3.00		66
aly 1849	14	1	M	2.00	6.6	44	July 1876	10	1 7	M	3, 00		44
an. 1850	14	1	M	2.00	66	11	Jan. 1877	10	1	M	3.00	44	
uly 1850	14	1	M	2.00	86	44	July 1877	10 10	1	M	3.00	64	
an. 1851	14	1 1	M	2.00	4.6	44	Jan. 1878	10	1 1	M	3.00		66
uly 1851	14	i	M	2, 00	66	46	July 1878 Jan. 1879	10	i	M	4, 00	4.6	66
an. 1852	12 12	1 1	M	2.00	44	41	July 1879	10	i	M	4.00		44
uly 1852	12	i	M	2.50	4.6	44	Jan. 1880	10	1 1	M	4.00		66
uly 1855 an. 1856	12	i	M	2.50	6.6	66	July 1880	10	î	M	4.00		4.6
uly 1856	12	î	M	2.50	44	6.6	Jan. 1881	10	l. î	M	4.00		44
ап. 1857	12	î	M	2.50	14	44	July 1881	10	ī	M	4.00		6.6
uly 1857	12	l î	M	2.50	4.6	44	Jan. 1882	10	1	M	5.00		6.6
an. 1858	- 12	ī	M	2.50	8.6	44	July 1882	10	ĩ	M	5.00		4.6
uly 1858	1 12	i	M	2, 50	6.6	4.4	Jan. 1883	10	1	M	5, 00		4.6
an. 1859	12	1	M	2.50	6.6	44	July 1883	10	1	M	5,00	6.6	4.6
uly 1859	12	1	- 11	2.50	8.6	4.6	Jan. 1884	10	1	M	5.00		6.6
an, 1860	12	1	M	2.50		11	July 1884	10	.]- 1	M	5.00		14
uly 1860	· 12	* 1	M	2.50	6.6	6.6	Jan. 1885		1	M	5.00		
an. 1861	. 11	1	- 21	2.50	**	44	July 1885		1	M	5.00		4.6
uly 1861	11	1	M	2.50	4.4	64	Jan. 1886		1	M	5, 00		
an. 1862		1	M	2, 50	**	44	July 1886		1	M	5.00		44
uly 1862		1	M	2, 50	44	16	Jan. 1887		1	M	5.00		
an. 1863		1	M	2. 50	66	11	July 1887		1	M	5. 00		
uly 1863		1	M	2, 50	61	11	Jan. 1888			M	5.00		
an. 1864	11	1	M	2.75	44	44	July 1888	10	. 1	M	5.00		
uly 1864		1	M	2.75	16	44	Jan. 1889		1	M	5.00		
an. 1865		1	M	2. 75	56	66	July 1889		' i	M	5.00	,	
uly 1865		1	M	3.00	44	16	Jan. 1890	10	li	M	5.00	,	
an. 1866		1	M	3,00	46	44	July 1890 Jan. 1891				5.00	,	
uly 1866		1 1		3.00	44	44	July 1891		i i		5.00	,	
an. 1867		1	M	3.00	66	44	1 9 01 y 1091	1 .0	1 1	1	0.00		
uly 1867	1 11	1	NI MI	9.00			li .		1	1			

OVERSEERS, CLOTH ROOM.

2y. Jan. 1855 12 1 M 1.25 per day. July 1856 12 1 M 1.25 " " July 1856 12 1 M 1.25 " " July 1856 12 1 M 1.25 " " July 1856 12 1 M 1.25 " " July 1857 12 1 M 1.25 " " July 1858 12 1 M 1.42 " " July 1858 12 1 M 1.42 " " July 1858 12 1 M 1.42 " " July 1858 12 1 M 1.42 " " July 1859 12 1 M 1.42 " " July 1850 12 1 M 1.42 " " July 1850 12 1 M 1.42 " " July 1850 12 1 M 1.42 " " July 1850 12 1 M 1.42 " " July 1850 12 1 M 1.42 " " July 1850 12 1 M 1.50 " " July 1860 11 1 M 1.50 " " July 1861 11 1 M 1.50 " " July 1862 11 1 M 1.50 " " July 1863 11 1 M 1.50 " " July 1863 11 1 M 1.50 " " July 1863 11 1 M 1.50 " " July 1863 11 1 M 1.50 " " July 1863 11 1 M 1.50 " " July 1863 11 1 M 1.50 " " July 1863 11 1 M 1.50 " " July 1863 11 1 M 1.50 " " July 1863 11 1 M 1.50 " "
July 1863 11. 1 M 1.50 " "
Jan. 1858 12: 1 M 1.42: 4 July 1858 12: 1 M 1.42: 4 Jan. 1859 12: 1 M 1.42: 4 Jan. 1860 12: 1 M 1.42: 4 July 1860 12: 1 M 1.42: 4 July 1861 11: 1 M 1.50: 4 July 1861 11: 1 M 1.50: 4 July 1862 11: 1 M 1.50: 4 July 1862 11: 1 M 1.50: 4 July 1863 11: 1 M 1.50: 4 July 1864 11: 1 M 1.50: 4 July 1864 11: 1 M 1.50: 4 July 1864 11: 1 M 1.50: 4 July 1864 11: 1 M 1.50: 4 </td

17509, pt. 2-49

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

OVERSEERS, CLOTH ROOM-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate of wa	iges.
July 1865 Jan. 1866 Jan. 1866 Jan. 1867 July 1866 July 1868 July 1868 July 1868 July 1869 July 1870 July 1870 July 1871 July 1871 July 1872 July 1872 July 1873 July 1874 July 1874 July 1875 July 1875 July 1876 July 1876 July 1876 July 1876 July 1876 July 1876 July 1876 July 1876 July 1876 July 1876 July 1876 July 1876 July 1877 July 1877 July 1877 July 1877 July 1877 July 1878	111 111 111 111 111 111 111 111 111 11	111111111111111111111111111111111111111	M M M M M M M M M M M M M M M M M M M	\$1.75 per day. 1.75 " " 1.75 " " 1.75 " " 1.75 " " 1.75 " " 1.75 " " 1.75 " " 1.75 " " 1.75 " " 2.75 " " 2.75 " " 2.75 " " 3.00 " " 2.70 " " 3.00 " " " 3.00 " "	Jan. 1879 July 1870 July 1870 July 1880 July 1881 July 1881 Jan. 1882 July 1882 July 1882 July 1883 July 1884 July 1884 July 1885 July 1885 July 1885 July 1886 July 1887 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1891 July 1891	10 10 10 10 10 10 10 10 10 10 10 10 10 1	111111111111111111111111111111111111111	M M M M M M M M M M M M M M M M M M M	\$2.00 per da 2.50	

OVERSEERS, DRESSING DEPARTMENT.

Jan. 1840 Jan. 1842 July 1842 Jan. 1843 July 1843 Jan. 1844 Jan. 1844 Jan. 1845 Jan. 1845 Jan. 1846 Jan. 1846 Jan. 1846 Jan. 1846 Jan. 1847 Jan. 1847 Jan. 1847 Jan. 1848 Jan. 1849 Jan. 1850 July 1852 July 1852 July 1852 July 1853 July 1853 July 1853 July 1853 July 1853 July 1853 July 1853 July 1853 July 1853 July 1853 July 1853 July 1853 July 1853 July 1853 July 1853 July 1853 July 1853 July 1853 July 1853 July 1854 July 1855 July 1856 July 1856 July 1856 July 1856 July 1856 July 1856 July 1856 July 1856 July 1856 July 1856 July 1857 July 1857 July 1857 July 1857 July 1857 July 1857 July 1857 July 1857 July 1857 July 1857 July 1857 July 1857 July 1857 July 1857 July 1857 July 1858	111111111111111111111111111111111111111	M d. 50 per day. M 1.50 " " " M 1.50 " " M 1.50 " " M 1.50 " " M 1.50 " " M 1.50 " " M 1.50 " " M 1.50 " " M 1.50 " " M 1.50 " " M 1.50 " " M 1.50 " " M 1.50 " " M 1.50 " " M 1.50 " " M 1.50 " " M 1.50 " " M 1.50 " " M 1.50 " M 1.50 " M 1.50 " M 1.50 " M 1.50 " M 1.50 " M 1.50 " M 1.50 " M 1.50 " M 1.50 " M 1.50 " M 1.50 " M 1.50 " M 1.50 " M 1.50 " M 1.50 " M 1.50 "	Jan. 1863 July 1863 Jan. 1864 July 1884 Jan. 1865 July 1885 July 18865 July 1866 July 1866 July 1866 July 1868 July 1869 July 1869 July 1869 July 1869 July 1870 Jan. 1871 July 1871 July 1873 July 1873 July 1873 July 1875 July 1875 July 1875 July 1876 July 1876 July 1876 July 1876 July 1876 July 1876 July 1876 July 1877 July 1877 July 1877 July 1877 July 1877 July 1878	11 11 11 11 11 11 11 11 11 11 11 11 11	111111111111111111111111111111111111111	M M M M M M M M M M M M M M M M M M M	2.50 per day. 2.50 """ 2.75 """ 3.00 """
Jan. 1855 12			Jan. 1876	10	1	M	3.00 " "
			Jan. 1877	10	1	M	3, 00 11 11
July 1856 12							3.00
		M 2.00 ** **					
							3.00
July 1858 12	i	M 2.50 " "	July 1879 Jan. 1880	10 10	1	M	3.00 " "
Jan. 1859 12	1	M 2 50 " "	July 1880	10	1 1	M	3.00 " "
July 1859 12 Jan. 1860 12	1	M 2.50 " "	Jan. 1881	10	î	M	3. 00 11 11
July 1860 12	1 1	M 1,83 " " " M 1,83 " "	July 1881	10	1	M	3.00 11 11
Jan. 1861 11	î	M 1.83 " "	Jan. 1882 July 1882	10	1	M	3.00
July 1861 11	1	M 1.83 " "	Jan. 1883	10	1	M M	3.00 " "
Jan. 1862 11	1	M + 2.50 " "	July 1883	10	î	M	3. 00 44 44
July 1862 11	1	M 2.50 " "	Jan. 1884	10	ĩ۱	M	3. 00 11 11

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

OVERSEERS, DRESSING DEPARTMENT-Concluded.

Payroll of .	Hours per day.	Different employés.	Sox.	Rate	of	wages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of	wages	3.
July 1884 Jan. 1885	10 10	1	M M M	\$3.00 3.00 3.00	per	day.	Jan. 1890	10 10	1 1	M M	\$3.00 3.50	per ''.	day.	
July 1885 Jan. 1886 July 1886	10 10 10	1	M M	3, 00	14	44	Average	10	2	M	3, 25	, ,	ŧ t	
Jan. 1887 July 1887	1 0 10	1 1	M M	3.00 3.00	46	64 64	July 1890	10 10	1 1	M M	3.00 3.50	**	4 t	
Jan. 1888 July 1888	10 10	1	M	3. 00 3. 00	41	44	Average	10	2	M	3. 25	61	61	
Jan. 1889	10 10	1	M M	3. 00 3. 50	44	46 -	Jan. 1891	10 10	1	M M	2.75 3,50	**	6.6	
Average	10	2	M	3. 25	**	44	Average	10	2	М	3. 12½		16	/
July 1889	10 10	1	M M	3.00 3.50	41	46	July 1891	10 10	1	\mathbf{M} \mathbf{M}	2.75 3.50	44	* 6	
- Average	10	2	M	3. 25	41	44	Average	10	2	M	3. 12½	4 1	**	

OVERSEERS, SPINNING DEPARTMENT.

							•					
Jan. 1856 July 1856	12 12	1 1	, M	2. 50 2. 50	per day.	Jan. 1881	10 10	1 1	M M	3.00 3.50	per	day.
Jan. 1857 July 1857	12 12	1 1	M	2.50 2.50	11 11	Average	10	2	M	3. 25	44	14
Jan. 1858 July 1858 Jan. 1859	12 12 12	1 1 1	M M M	2.50 2.50 2.50	44 64	July 1881	10 10	1	M	3.00 3.50	16	44
July 1859 Jan. 1860	12 12 12	1 1	M	2.50	11 44	Average	10	2	м	3, 25		£ 4
July 1860 Jan. 1861	12 11	1	M	2.50 2.50	46 44	Jan. 1882	10	1	м	3.00	44	"
July 1861 Jan. 1862 July 1862	11	1	M	2, 50 2, 50 2, 50	ff 66	Average	10		M	3.50	44	"
Jan. 1863 Jan. 1864	11 11 11	1	M M M	2, 50	44 44 44 44	July 1882	10	1	м	3.00	14	44
July 1864 Jan. 1865	11 11	1	M	3, 00 2, 75	66 66	"	10	1	M	3.50		
July 1865 Jan. 1866	11	1 1	M	3, 00	44 44	Average	10	2	M	3. 25		"
July 1866 Jan. 1867 July 1867	11 11 11	1 1	M M M	3.00	66 66 66 66	Jan. 1883	10	1	M	5.00	**	11
Jan. 1868 July 1868	11 11	1	M	3,00	66 66	Average	10	2	M	4.00	14	4.6
Jan. 1869 July 1869	11 11	1	M	3.00	66 66 66 44	July 1883	10 10	1	M M	3. 00 5. 00		44
Jan. 1870 July 1870 Jan. 1871	11 11 - 11	1 1	M M M	3. 00 3. 00 3. 00	10 11	Average	10	2	M	4.00	44	4.6
July 1871 Jan. 1872	11	1	M	3.00	16 66	Jan. 1884	10 10	1	M M	3.00 5.00	64	15 6k.
July 1872 Jan. 1873	11 11	1 1	M M	3.00 4.00	46 46 66 46	Average	10	2	M	4.00	**	66
July 1873 Jan. 1874 July 1874	11 11 11	1 1	M M M	4,00 3,00 3,00	44 44	July 1884	10 10	1	M M	3.00 5.00		44 144
Jan. 1875 July 1875	10 10	1 1	M	4,00	44 44	Average	10	2	- <u>M</u>	4.00	ιί	"
Jan. 1876 July 1876	10 10	1 1	M	5.50 5.50	46 46 66 46-	Jan. 1885	10	1	M	3.00		44
Jan. 1877 July 1877 Jan. 1878	10 10 10	1 1 1	M M M	5.00 5.00 5.00	44 44	Average	10	2	M	5. 00 4. 00		44
July 1878 Jan. 1879	10 10 10	1 1	M M	5,00	44 44 11 41	July 1885	10	1	M	3, 00		"
July 1879 Jan. 1880	10 10	1 1	M	5, 00 5, 00	44 44		10	1	M	5.00		66
July 1880	10	1	M	5,00		Average[10	. 2	\mathbf{M}	4.00	**	••

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

OVERSEERS, SPINNING DEPARTMENT-Concluded.

Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of '	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	e of	wages.
Jan. 1886	10 10	1	M M	\$3, 00 5, 00	per	day.	Jan. 1889	10 10	1 1	<u>М</u> М	\$3.00 5.00	per	day.
Average	10	2	м	4.00	"	**	Average	10	2	M	4.00	11	11
July 1886	10 10	1 1	M M	3, 00 5, 00	44	66	July 1889	10 10	1 1	M M	8.00 5.00	"	**
Average	10	2	М	4.00	41	44	Average	10	2	M	4.00		**
Jan. 1887	10 10	1 1	M M	3.00 5.00	44	66	Jan. 1890	10 10	1	M M	3, 00 5, 00	41 44	"
Average	10	2	M	4.00	66	66	Average	10	2.	М	4.00	"	**
July 1887	10 10	1 1	M M	3, 00 5, 00	64 64	44	July 1890	10 10	1	M M	3, 00 5. 00	"	"
Average	10	2	M	4.00	46	44	Average	10	2	M	4.00	* *	"
Jan. 1898	16 10	1 1	M M	3.00 5.00	44	44	Jan. 1891	10 10	1	M M	3.00 5.00	"	"
Average	10	2	м	4.00	66	44	Average	10	2	M	4.00	4.6	"
July 1888	10 10	1	M M	3.00 5.00	£1	44	July 1891	10 10	1	M M	3.00 5.00	"	11
Average	10	2	м	4.00		44	Average	10	2	M	4.00	11	* *

OVERSEERS, SPOOLING DEPARTMENT.

				1		11	1		1
Jan. 1881	10] :	1 M	2. 25	per day.	July 1886	10	1 M	2. 20 per day.
July 1881	10		1 M	2.25	- 11 11	Jan. 1887	10	1 M	2.20
Jan. 1882	10	:	1 M	2. 25	66 66	July 1887	. 10	1 M	2. 20 " "
July 1882	10	·	1 M	2. 25	66 66	Jan. 1888	10	1 M	2 20 " "
Jan. 1883	10		1 M	2. 25	66 46	July 1888	10	1 M	2. 20 - " "
July 1883	10	·	1 M	2. 25	44 44	Jan. 1889	10	1 M	2. 50 " "
Jan. 1884	10	:	1 M	2. 25	11 41	July 1889	10	1 M	2.5) " "
July 1884	10	:	1 M	2. 20	** **	Jan 1890	10	1 M	2. 50 " "
Jan, 1885	10	:	1 M	2. 20	44 66	July 1890	10	1 M	2.50 " "
July 1885	10		1 M	2. 20	66 46	Jan. 1891	10	1 M	2.50 44 44
Jan. 1886	10		M	2. 20	66 66	July 1891	10	1 M	2.50 " "
				١.				1	

OVERSEERS, WEAVING DEPARTMENT.

Jan. 1840 14 2 M 2.00 per day. July 1852 12 1 M 1.75 per day. July 1841 14 2 M 2.00 iii iii	day.
July 1841 14 2 M 2.00 " " Jan. 1842 14 2 M 2.00 " "	
July 1842 14 2 M 2.00 " " Average 12 2 M 1.872 "	66
Jan. 1843 14 2 M 2.00. " "	4.4
July 1843 14 2 M 2.00 " " July 1863 12 2 M 2.00 "	66
Jan. 1844 14 2 M 2.00 " " July 1855 13 2 M 2.00	44
Trib 1944 14 9 M 9 00 00 00 10 0 00 11 1004 10 2 M 10 00	
Jan. 1845 14 2 M 2.00 " " July 1854 12 2 M 2.00	
	it.
Jan. 1846 14 2 M 2.00 " " July 1855 12 2 M 2.25	11
July 1846 14 2 M 2.00 " " Jan. 1856 12 2 M 2.25 "	
Jan. 1847 14 2 M 2.00 " " July 1856 12 2 M 2.25	66
July 1847 14 2 M 2.00 " " Jan. 1857 12 2 M 2.25 "	**
Jan. 1848 14 2 M 2.00 " "	4.6
July 1848 14 2 M 2 00 " " July 1857 12 1 M 2.00 "	
Jan. 1849 14 2 M 2.00 " " 12 1 M 2.25 "	
July 1849 14 2 M 2 00 " "	44
Jan. 1850 14 2 M 2.00 " " Average 12 2 M 2.12 "	**
July 1850 14 2 M 2.00 " " Jan. 1858 12 1 M 2.00 "	41
Jan. 1851 14 2 M 2.00 " " " 10 1 1 M 0.25 "	4.6
July 1851 14 2 M 2.00 " "	
Jan. 1852 12 2 M 2.00 " " Average 12 2 M 2.12 "	46

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

OVERSEERS, WEAVING DEPARTMENT-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
July 1858	12	2	M	\$2. 25	_	day.	Jan. 1867	11 11	1	M M	\$2.17 3.00	per	day.
Jan. 1859	12 12	1 1	M M	2. 25 2. 50	66	44	Average	1;1	2	М	2.581	66	60
Average	12	2	M	2.371	44		July 1867	11 11	1	M	2. 17 3. 00	14	44
July 1859	12 12	1	M M	2, 00 2, 50'	44	44	Average	1:1:	2	<u>M</u>	2. 581	4.4	**
Average	12	. 2	М	2, 25	44	44	Jan. 1868 July 1868	11 11	1 1	M M	2. 25 2. 25	16	66
Jan. 1860	12 12	1	M M	2.00 2.50	66	44	Jan. 1869 July 1869	11. 11	1 1	M	2. 25 2. 25	**	44
Average	12	2	M	2, 25	**	44	Jan. 1870 July 1870 Jan. 1871	11 11 11	1 1 1	M M M	2.50 2.50 2.50	46	46 . 64 .
July 1860	12 12	1	M M	2, 00 2, 50	**	46	July 1871 Jan. 1872	11 11,	1 1	M	2, 50 2, 50	. 4	64
Average	12	2	M	2, 25	44	4.5	July 1872 Jan. 1873 July 1873	11 11 11	1 1 1	M M M	2. 50 2. 25 2. 00	6 h	44
Jan. 1861 July 1861	11 11	2 2	M. M	2.50 2.50	66	44	Jan. 1874 July 1874	11 11	1 1	M	2. 25 2. 00		44
Jan. 1862	11	2 2	M.	2.50	66	46	Jan. 1875	10	1	M	2. 25	64	
July 1862 Jan. 1863	11	1 1	M	2,50 2,50	44	44	July 1875 Jan. 1876	10 10	1 1	M	2.00	61	66
July 1863	111	i	M	2.50	44	44	July 1876	10	î	M	2.00	6.4	4.6
b 11.5 100b		-		2.00			Jan. 1877	10	1	M	2.00	4.4	
Jan. 1864	11	1	M M	1.67 2.75	44	66	July 1877 Jan. 1878	10 10	1 1	M	2.00	44	**
Average	11	2	M	2, 21	**	44	July 1878 Jan. 1879 July 1879	10 10 10	1 1 1	M M M	2.00 3.00 3.00	44	
July 1864	11 11	1	M	1.83 2.75	44	46	Jan. 1880 July 1880	10 10	1 1 1	M	3.00 3.00	11	ù.
Average	11	2	М	2. 29	44	"	Jan. 1881 July 1881 Jan. 1882	10 10 10	1 1	M M M	3.00 3.00 3.00	4.	14
Jan. 1865	11 11	1 1	M	1.83 2.75	44	44	July 1882 Jan. 1883	10	1	M	3. 00 4. 00	16	6 6 6 6
Average	11	2	M	2. 29	44	41	July 1883 Jan. 1884	10 10	1 1	M	4.00	66	66
July 1865	11	1	м	2,00	44	44	July 1884 Jan. 1885	10 10	1 1	M	4.00	4.4	++
6 ary 1603	11	i	M	3,00	6.8	44	July 1885	10	1	M	4.00	4 4	14
	!	!					Jan. 1886	10	1	M	4.00	14	11
Average	11	2	M	2.50	4.6	44	July 1886	10	1	M	4.00		14
Jan. 1866	11	1	м	2.00	**	44	Jan. 1887 July 1887	10	1	M	4.00	4 4	4.6
- an. 1000	11	i	M	3.00	44	44	Jan. 1888	10	1	M	4.00	6.6	44
Average	11	2	M	2.50	**	4.6	July 1888 Jan. 1889	10 10	1	M	4.00	61 61	44
July 1866	11 11	1	M M	2.00 3.00	44	44	July 1889 Jan. 1890 July 1890	10 10 10	1 1 1	M	4.00 5.00 5.00	66	66
hade to the	_	ļ					Jan. 1891	10	1	M	5.00	44	44
- Average	11	2	М	2.50	11	11	July 1891	10	1	M	5.00	**	**

PICKING-ROOM HANDS

July 1848	14 14	.1	M M	. 80 1. 00	per	day.		July 1850	Í4 14	2 2	M M	. 80 1. 00	per	day.
Average	14	2	м	. 90	66	66	-	Average	14	4	M	. 90	4.6	44
Jan. 1849	14	2	м	1,00	"	44	ļ	Jan. 1851	14	2	м	. 80	4.6	44
July 1849	14 14	2 2	M	.80 1.00	"	66	ļ	0 444. 1001	14	2	M	1.00	44	44
								Average	14	4	м	.90	44	66
Average	14	4	M	.90	"	44	- 1							
Jan. 1850	14	2	M	.80	6 6	64	- 1	July 1851	14	3	М	. 80		66
	14	2	м	1.00	44	4.6	- 1		14	1	М	1.00	6.6	66
Average	14	4	M	.90		44	I	Average	14	4	M	. 85	**	46

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued. PICKING-BOOM HANDS—Continued.

					_								
Payroll of -	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages,
Jan. 1852	12 12	3 1	M M	\$0.80 1.00	per	day.	Jan. 1858	12 12	5 1	M M	\$0, 83 1, 12	P61	r day.
_ Average	12	4	M	. 85	**	**	Average	12	6	м	. 88	44	**
July 1852	12 12	3 1	M	. 80 1. 00	66	44	Julÿ 1858	12 12	4	M M	.80 1.12	66	"
Average	12	4	M	. 85	6.6	44	Average	12	5	M	. 86½	61	44
Jan. 1853	12 12 12	5 1 1	M M M	. 80 . 83 1. 00	44	44 44	Jan. 1859	42 12	5 1	M M	.80 1.12	"	44
Average	12	7	м	. 833	44	44	Average	12	6		. 85 <u>1</u>	44	**
July 1853	12 12 12	4 1 2	M M M	. 80 . 83 . 90	66	44 44	July 1859	12 12	6 1	M M	. 80 1. 12	66	11
	12	1	М	1.00	**	16	Average	12	7	М	. 841	: 1	44
Average	12	8	М	. 85 <u>3</u>		44	Јап. 1860	12	- 3	м	. 80	11	44
Jan. 1854	12 12	5 4	M M	. 80 . 83	44	44	0 42. 1000	12	1	M	1.00	++	**
	12 12	1	M M	. 90 1. 00	44	44	Average	72	4	М	. 85	46	**
Average	12	11	M	. 84	44	44	July 1860	12 12	3	M M	. 80 1. 00	4 4 4 4	66
July 1854	12 12	1 3	M	. 80	44	44	Average	12	4	M	. 85	**	84
	12 12	1	M M	1.08	44	44	Jan. 1861	11 11	5 1	M M	.80 1.00	44	46
Average	12	6	M	. 88	44	44	Average	11	6	M	. 831	4.6	44
Jan. 1855	12 12 12 12	2 5 1 1	M M M M	. 80 . 83 . 90 1. 08	46	64 64 46	July 1861	11 11	5 1	M M	. 80 1. 00	44	**
.A.verage	12	9	M	. 86	44	44	Average	11	6	м	. 831	**	44
July 1855	12	5	M	. 83	66	44	Jan. 1862	11	6	м	. 80	44	44
1	$\frac{12}{12}$	1 1	M M	. 90 1. 08	46	44	044.1002	įî	ĭ	M	1.00	44	44
Average	12	7	M	. 873	6.6	44	Average	11	7	M	. 83~	**	44
Jan. 1856	12 12	6 1	M M	. 83	44	44	July 1862	11 11	6 1	M M	. 80 1. 00	11	44
	12	1	M	1. 25	44	44	Average	11	7	M	.83	**	44
Average	12	8	M	. 89	44	44	Jan. 1863	11	1 1	MM	. 80 1. 00	**	44
July 1856	12 12	1 6	M M	. 80	44	66	Average	11	2	M	.90	66	44
,	$\begin{array}{c} 12 \\ 12 \end{array}$	1	M M	. 90 1. 25	44	44	July 1863	11	1	м	. 80	11	44
Average	12	9	М	. 88	66	44	. 1	11	1	M	1.00	46	44
Jan, 1857	12 12	1 5	М	. 80	66 66	44	Average	11	2	М	.90	46	44
	12 12 12	5 1 1	M M M	. 83 . 90 1. 25	44	66 44	Jan. 1864	11	4	М	1.33	44	44
Average	12	8	M	. 881	44	44	July 1864	11	1 4	M M	1.33 1.42	44	66
July 1857	12	6	м	. 83	66	44	Average	11	5	м	1.40	64	46
,	12 12	1	M M	. 90 1. 00	44	44	Jan. 1865	11 11	1	M M	1.33 1.42	44 68	if
Average	12	8	M	. 86	66	44	Average	11	2	М	1.371	44	14

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS Continued.

PICKING-ROOM HANDS-Continued.

		·												_
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vage	8.
July 1865	11 11 11	1 2 1	M M M	\$0.83 1.50 1.67	per	day.	July 1871- conc'd.	11 11	7	M M	\$1.50 1.75	per	day.	
Average	11	• 4	M	1. 371	44	44	Алегаде	11	10	М	1.46	**	65	
Jan. 1866	11 11	1 2	M M	1. 25 1. 50	16	44	Jan. 1872	11 11	7	M M	1.50 1.75	44	4 t	ſ
	11	3 1	M	1. 58 1. 75	44	44 44	Average	11	8	М	1.53	4.6		' -
Average	11	7	М	1.531		44	July 1872	11 11	7	M M	1.50	**	66	
J uly 1866	11 11	1 6 1	M M M	1.50 1.58 1.75	64 66	44 44	A verage	11	8	M	1. 15			
Average	111	8	M	1.75	**	44	Jan. 1873	11 11	5 2	M M	1.25 1.50	4.4	14	
Jan. 1867	-11 -11	7	M M	1.58 1.75	44	44	Average	11	1 8	M	1.75 1.37½	6.6		
Average	11	8	M	1.60	**	44	July 1873	11	7	м	1.25	44	11	
July 1867	11 11	$\frac{1}{2}$	M M	1.33 1.42	46	44	Average	11	8	M	1.50	14	4.5	
	.11 11	2 3	M	1.50	66	66 66	Jan. 1874	11	1	M	1.10		de .	
Average	11	1 0	M	1.67	44			11 11 11	5 1 1	M M M	1.25 1.30 1.50	44	44	
Jan. 1868	11	1	M	1.00	44	44	. Average	11	8	M	1.27	41	44	
	11 11 11	2 3 2	M M M	1.42 1.50 1.58	**	44	July 1874	11 11	2 4	M M	1.10 1.25	44	44	
Average	11	8	M	1. 431	**	44		11 11	1	M M	1.30 1.50	4.6	14	
July 1868	11 11	2 3	M M	1.42 1.50	44	44	Average	ļ	8	M	1. 25		44	
_ Average	11	7	M	1.58	**		Jan. 1875	10 10 10	2 1 1	M M M	1. 10 1. 15 1. 20	44	44	
Jan. 1869	11	2	м	1.42	44	64		10 10	2 2	M	1. 25 1. 50	4.6	44	
	11 11	3 2	M	1.50 1.58	44	64	Average	10	8	M	1 25½	14	44	
Average	11	7	М	1.50	14	44	July 1875	10 10	1 2	M	1, 10 1, 15	64	44	
July 1869	11 11 11	1 2 4	M M M	1. 42 1. 50 1. 58	64	44		10 10 10	1 3 1	M M M	1, 20 1, 25 1, 60	**	46	
Average	11	7	м	1. 531	46	44	Average	10	8	M	1, 241	4.	18	
Jan. 1870	11 11	2 6	M M	1.42 1.50	44	44	Jan. 1876	10 10 10	2 1 2	M M M	1. 10 1. 15 1. 20	66	46	
Average	-11	В	М	1.48	**	**		10 10 10	2 1	M	1, 25 1, 60	44 66	6 6 6 4	
July 1870	11 11	2 6	M	1.42 1.50	44	44	Average		В	м	1. 23	41	16	
Average	11	8	M.	1.48	44	**	July 1876	10 10	1 3	M	1. 10 1. 15	44	64 64	
Jan. 1871	-11 11 11 11	1 1 7	M M M	1.00 1.33 1.50 1.75	44 44 44	66 66 66		10 10 10	1 2 1	M M M	1, 20 1, 25 1, 60	66	46	
Average	11	10	M	1. 46	**		Average		8	M	1. 23	44	46	
July 1871	11	1	M M	1.00 1,33	"	66	Jan. 1877	10 10 10	2 2 1	M M M	1. 10 1. 15 1. 20	44	44	

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued. PICKING-ROOM HANDS—Continued.

	Hours		<u> </u>				П		1	1	_	
Payroll of—	per day	Different employés	Sex.	Rate	of wages.	Payroll of—	Hours per day.	Different employés.		Rate	of	wages.
Jan. 1877- conc'd.	10 10	2 1	M M	\$1. 25 1. 60	per day.	July 1882	10 10 10	II 5 1	M M M	\$1.00 1.20 1.62	per	day.
Average	10	8	M	1.221	44 44	Average	10	9	'M	1.18	44	44
July 1877	10 10 10 10	2 1 2 2	M M M	1. 10 1. 15 1. 20 1. 25	66 46 66 66 66 66	Jan. 1883	10 10 10	3 3 1	M M M	1.00 1.20 1.30	66 16	64 66
Average	10	8	M	1.60	44 44	Average	10	7	М.	1. 13	. 4	46
Jan. 1878	10	2			44 44	1	10					
JAH. 1010	10 10	$\frac{1}{2}$	M M M	1. 10 1. 15 1. 20	11 11 11 11	July 1883	10 10 10	- 3 3 1	M M M	1. 00 1. 20 1. 30	**	16
	10 10	£ 1	M M	1.25 1.65		Average	10	7	M	1. 13	4.1	
A verage	10	8	м	1. 231		Jan. 1884	10	1	м	1.00	44	16
July 1878	10 10	$\frac{2}{1}$	M M	1.10 1.15	16 41		10	5 1	M	1. 20 1. 30	44	14
	10 10	2	M M	1. 20 1. 25	44 44	Average	10	7	М	1. 18 1	41	**
Average	10		M	1. 65	66 66	July 1884	10 10 10	1 5 1	M M M	1.00 1.20 1.30	1 4 1 5	44 11
Jan. 1879	10	4	M	1, 00	11 11	Average	10	7	M	1. 181	44	66
	10 10 10	1 1 1	M M M	1. 20 1. 30 1. 6 2	44 44	Jan. 1885	10 10	1 5	M M	1. 00 1. 20		44
Average	10	7		1. 16	44 45		10	i	M	1. 30	. 4	44
July 1879	10	4	M	1.00	41 44	Average	10	7	M	1. 181	**	"
	10 10 10	1 1 1	M M M	1. 20 1. 30 1. 62	16 44	July 1885	10 10 10	1 5 1	M M M	1.00 1.20 1.30	**	"
Averaĝe	10	7	M	1.16	** **	Average	10	7	M	1. 183	4.6	44
Jan. 1880	10 10	4	M	1.00 1.20	66 66 66 66	Jan. 1886	10 10	5	M	1. 00 1. 20	1.5 1.6	**
	10 10	1	M	1. 30 1. 62	16 66		10	1	М	1. 30	4.6	14
Average	10	. 7	М	1.16	44 48	Average	10	9	M	1, 10	ι	44
July 1880	10 10 10	4 1 1	M M M	1. 00 1. 20 1. 30	46 44 46 44	July 1886	10 10 10	5 3 1	M M M	1.00 1.20 1.30	6 6 6 6	46 64 15
	10	î	M	1. 62	44 44	Average	10	9	М	1. 10	1+	66
Average	10	7	М	1.16	44 44	Jan. 1887	10 10	5 3	M	1.00 1.20	46	65 44
Jan. 1881	10 10	5	M M	1.00 1.10	11 11		10	ĭ		1. 30	44	44
	10	1	M	1. 20 1. 30	14 66	Average	10	9	M	1. 10	44	
A women sin	10	1		1. 62	44 44	July 1887	10 10	5	M	1.00 1.20		6 E
Average	10	9	M	1.131	** **		10	1	М	1.30	44	44
July 1881	10	5		1.00 1.10	46 46	Average	10	9	М	1. 10	64	46
	10 10 10	1 1 1	M	1. 20 1. 30 1. 62	66 66 66 66	Jan. 1888	10 10 10	6 3 1	M	1.00 1.20 1.30	66	14 63 14
Average	10	9	М	1. 131		Average	10	10		1.09		"
Jan. 1882	10 10 10	3 5 1	M	1.00 1.20 1.62	14 84 ×	July 1888	10 10 10	5 3 1	M	1. 00 1. 20 1. 30	**	66 64
Average	10	9	М	1. 18		Average	10			1. 10	44	44

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued. PICKING-ROOM HANDS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wage	в.
Jan. 1889	10 10 10	2 3 1	M M M	\$1.00 1.20 1.30	- 66	day.	July 1890	10 10 10	4 3 1	M M M	\$1.00 1.20 1.30	per	day.	
Average	10	6	м	1.15	44	46	Average	10	8	м	1. 111	4.4	66	
J uly 1889	10 10 10	2 3 -1	M M M	1.00 1.20 1.30	44 64 66		Jan. 1891	10 10 10	4 3 1	M M M	1.00 1.20 1.30	66	66	
Average	10	6	М	1.15	"	44	Average	10	8	м	1.111			1
Jan. 1890	10 10 10	4 3 1	M M M	1. 00 1. 20 1. 30	66 65	44	July 1891	10 10 10	4 3 1	M M M	1.00 1.20 1.30	6 E 6 E	44	
Average	10	8	M	1. 11		44	Average	10	8	М	1. 113	41	4.	

BAILWAY HANDS.

Jan. 1864	11 11	8 1	M M	.50 .83	per	day.	July 1871	11 11	4 3	M M	. 60 . 75	per	day.
Average	11	4	M.	. 581	**	44	Average	İl	7	M	. 66à	4.4	44
July 1864	11 11	1 1	M M	. 50 . 55	44	44	Jan. 1872	11 11 11	3 3 1	M M M	. 60 . 70 . 80	4.6	5 6 6 6
Average	11	2	M	. 521	**	44	Average	11	7	М	. 67		14
Jan. 1865 July 1865 Jan. 1866 July 1866 Jan. 1867	11 11 11 11 11	1 1 1 1	M M M M	. 50 . 67 . 67 . 67 . 75	66 66 66	44 44 44 44	July 1872	11 11 11 11	3 2 1 1	M M M M	. 60 . 65 . 75 . 85	66 66 86 86	
July 1867	- 11	î	M	.80	44	44	Average	11	7	M	. 67	5.4	64
Jan. 1868 Average	11 11 11	1 1 2	M M M	. 75 . 80	68 66	41	Jan. 1873	11 11 11 11	1 1 1 2	M M M M	. 50 . 65 . 75 1. 00	44	16 44 26
July 1868	11 11	1 1	M M	. 75 . 80	11	66	Average	11	5	M	. 78	"	44
Average	11	2	М	. 77	- 44	44	July 1873	11 11 11	1 2 2	M M	.70	6.6	44
Jan . 1869	11 11	1 1	M M	. 75 . 80	44	66	Average		5	м	. 78	44	**
Average	11	2	M	. 771	"	44	Jan. 1874	11 11	1 3	M M	. 60 . 75	44	66 66
J uly 1869	11 11	1 1	M M	.75 .80	44	66 66		11	1	М	. 85	- 44	44
Average	11	2	М	.774	. "	66	Average	11	5	M	.74	64	44
Jan. 1870	11 11	1	M M	.80 .85	44	"	July 1874	11 11 11	1 3 1	M M M	. 65 4 . 80 . 90	"	44
Average	11	2	Ж	. 82	. "	44	Average	11	5	M	. 79	64	44
J uly 18 7 0	11 11	1 1	M M	. 80 . 85	44	44	Jan. 1875	10 10	1 3	M M	. 60 . 85	46	46
Average	11	2	М	. 82		44	Average	10	4	M	. 78	"	64
Jan. 1871	11 11 11	4 2 1	M M M	. 60 . 75 . 80	14	44 44	July 1875	10 10 10	1 1 2	M M M	. 60 . 80 . 90	"	66 66
Average	11	7	М	. 67	•••	44	Average	10	4	М	. 80	**	44

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued, BAILWAY HANDS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of 1	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	e of	wages.
Jan. 1876	10 10 10	1 1 2	M M M	\$0.65 .95 1.00	per *'	day.	Jan. 1886	10 10 10	1 3 1	M M M	\$0.50 .60 .65	per	day.
Ayerage	10	4	М	. 90	4.6	44	Average	10	5	М	. 59		44
July 1876	10 10 10 10	1 1 1 1	M M M M	.90 .95 1.00 1.25	64 64 66	66 64 65	July 1886	10 10 10	1 3 1	M M M	. 55 . 60 . 65	64 64	44 66 65
Average	10	4	м	1.021	44	44	.A.verage		5	M	. 60	44	**
Jan. 1877	10 10	1 2	M M	. 85 1. 00	44	44	Jan. 1887	10 10 10	1 2 2	M M M	. 50 . 60 . 65	16	** * **
Average	10	3	м	. 95	46	44	Average	10	5	M	. 60	"	**
July 1877	10 10	1 2	M	. 90 1. 00	14	44	July 1887	10 10 10	1 2 2	M M M	. 55 . 60 . 65	. 66	64 65
Average	10	3	М.	. 961	6.6	44	Average		5	м	. 61	41	44
Jan. 1878	10 10	1 2	M. M	. 95 1. 00	44	46	Jan. 1888	10	1 2	M M	.60	14	44
Average	10	3	M	. 981	44	46		10	2	M	.70	4.6	"
July 1878	10 10	$\frac{1}{2}$	M M	. 90 1. 00	11	44	Average July 1888	10 10	5	M. M.	. 66	**	44
Average	10	- 3	M	. 96	44	44	0 tily 1000	10	2	M	. 65	14	11
Jan. 1879 July 1879 Jan. 1880 July 1880	10 10 10 10	1 1 1 1	M M M M	.70 .70 .70	46 46 46	44 44	Average	10	1 1 5	M	. 70		
Jan. 1881 July 1881 Jan. 1882 July 1882	10 10 10 10	1 1 1 1	M M M	.70 .70 .60	44	66 66 66	Jan. 1889	10 10 10	1 1 1 1	M M M	. 60 . 65 . 70	4 E 4 E 4 E	
Jan. 1883	10 10	1	M M	. 40 . 50	44	** **	Average	10	4	м	. 681		**
Average	10	5	M	. 60	44		July 1889	10 10	1	M	. 60 . 65	44 54	44
July 1883	10	1	м	. 54	**	44		10	1	M	. 70 . 80	**	66
j	10 10	3	M	. 50 . 60	**	14	Average Jan. 1890	10 10	4 2	M M	. 68½ . 60	6.6	44
Average Jan. 1884	10 10	5 2	M M	. 54	41	44		10 10	$\begin{bmatrix} \bar{2} \\ 1 \end{bmatrix}$	<u>М</u> М,	.70 .75	44	14
Jan. 100x	10 10 10	1 1 2	M M M	. 55 . 60 . 65	61	44	Average July 1890	10 10	5 1 1	M M M	. 67 . 55 . 60	44 46	16 66 64
Average July 1884	10	6 2	M M	. 57½ . 50	46	"		10 10 10	- 1 1 1	M M M	. 65 . 70 . 75	46 44 64	46 66 64
	10 10 10 10	. 1	M M M M	. 55 . 60 . 65 . 70	66 66	6 6 6 6 6 6	Average Jan. 1891	10 10	5	M M	. 65	44	44
Average	10	6	М	.581	**	44		10 10	1	M	. 6 5 . 75	* *	44
Ján. 1885	10 10	1 2	M	.50	44	44	Average	10	7	M. M.	. 80		**
Average	10	3	М	. 531	46	4	July 1891	10	3	M	. 60 . 65	11	44
July 1885	10 10	2	M M	. 50 . 55	44 64	11 61		10 10	$\begin{bmatrix} 1\\1\\2 \end{bmatrix}$	M M M	.75	66	44
Average	10	3	M	. 511	44	44	Average	10	7	М	. 681	4.6	4.6

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued. ROOM HANDS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.
July 1858 Jan. 1859 July 1859 Jan. 1860 July 1861 July 1861 July 1862 July 1862 July 1862	12 12 12 12 12 11 11 11 11	1 1 1 1 1 1 1	REPRESENT	\$0. 67 . 67 . 67 . 67 . 75 . 75 . 75 . 75	per	day.	Jan. 1868 Average July 1868	11 11 11 11 11 11	2 2 2 1 1 1 1 9	M F M F M	\$0.75 .83 1.21 1.38 1.38 1.42 1.08½	per "" "" "" "" "" "" "" "" "" "" "" "" ""	day.
Jan. 1863 July 1863 Jan. 1864	11 11 11 11 11	1 1 1 1 1 2	M M F M	.75 .45 .50 .54 .63	46 46 46 46 46	44	Average	11 11 11 11 11 11	2 2 1 1 1 1	M F M F M	1. 21 1. 38 1. 38 1. 42 1. 08½	66	14 14 44 41 44
Average	11 11 11	9	M M	.71 .92	16	14	Jan. 1869	11 11 11	2 2 2	M F M	.75 .75 .83	6 6 6 6	44 44 45
July 1864	11 11 11 11	1 2 1 3	M M F M	.50 .63 .71	6 6 6 8 6 8	44 44 44	Average	11 11 11	10	F M	1, 25 1, 38 1, 42	11	***
Average		7		. 741	- 44	44	July 1869	11	2	м	.75	4.1	
Jan. 1865	11 11 11	1 2 1	M F M	, 63 , 71 1, 00	44	46		11 11 11 11 11	2 2 2 1	F M F M	.75 .83 1.25 1.38 1.42	6 6 6 6 6 6	14 14 15
Average	11	7		.76		**	Average		10		. 99½		
July 1865	11 11 11	1 1 3	M H F	1. 00 1. 00		46	Jan. 1870	11, 11, 11, 11	1 1 2 1 1	F M F F	.75 .83 1.33 1.36 1.38	4 4 4 4 4 4 4 4	66
Jan. 1866	11 11 11 11 11 11	2 1 2 2 1 4	F M F M F	.75 .83 .83 1.00 1.25 1.25	46	14 14 16 46 46	Average July 1870	11:	7 1 1 1	F M	1.38 1.19½ .75 .83		44
Average	 	12		1.02	- 44	44		11 11 11	2 1 1	F	1.33 1.36 1.38	44	6 6 6 6
July 1866	11 11 11 11	1 1 1 1	F M M F	1.00 1.25 1.25	64 64 64	11 11	Average	11	7	F	1.38 1.19½		"
Average Jan. 1867	11 11 11 11 11 11 11	4 2 1 1 1 2 1 1	F M M F M F	1, 074 .75 .85 .88 .92 1, 29 1, 50 1, 50	44 44 44 44 44	85 85 85 86 86 86 86	Jan 1871	11 11 11 11 11 11 11 11	1 2 1 1 1 2 1 1	FFFMFFFFF	.75 .83 .96 1.00 1.00 1.17 1.33 1.38 1.42	44 44 44 44 44 44 44	64 64 64 64 64 64 64 64
	11	1	M	1, 63		16	A.verage	11	11		1.09	44	44
Average July 1867	11 11 11 11 11 11 11 11	10 2 1 1 1 1 2 1 1	F F M F M F M	1. 13 .75 .85 .88 1. 00 1. 25 1. 29 1. 50 1. 63	1	cs cs cs cs cs cs cs cs cs cs cs cs cs c	July 1871	11 11 11 11 11 11 11 11	1 2 1 1 1 1 2 1	FFFMFFFFFF	.75 .83 .96 1.00 1.00 1.17 1.33 1.38 1.42	66 64 64 64	66 66 66 68 68 65 64 65
Average	11	10		1.12	"	44	Average	11	11		1.09	64	**

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

ROOM HANDS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of	Wages.
Jan. 1872	11 11 11 11 11 11 11	1 1 2 1 1 1 2 1	FFFMFFFMF	\$0.67 .71 .83 1.00 1.00 1.25 1.33 1.38 1.38	Per ***	day.	Jan. 1875- conc ⁺ d.	10 10 10 10 10 10 10 10	1 1 1 1 2 1	F F F F M F	\$0.80 .90 1.05 1.10 1.15 1.20 1.25 1.30	per	day.
Average	11	11		1.06%	44	44	Average	10	11	-,	1.04	**	44
July 1872	11 11 11 11 11 11	1 1 1 1 1 1 1	FFFMFFFM	.67 .71 .83 1.00 1.00 1.25 1.33 1.38	4 6 4 6 4 6 4 6 4 6 4 6	64 64 64 64 64 66 66	July 1875	10 10 10 10 10 10 10	1 1 2 2 2 2 1 1	FMFFFMFF	. 67 . 85 1. 00 1. 10 1. 15 1. 20 1. 20 1. 25	16 61 - 62 66 61 - 66 - 61	46 46 46 46 46 46
	11	1	F	1.38	44	4.6	Average	10	11	• • • • •	1.06	44	"
Average Jan. 1873	11 11 11 11 11 11 11	11 1 1 2 1 1 2 2	FFFMFFFM	1. 06½ . 50 . 60 . 80 1. 00 1. 00 1. 25 1. 33 1. 35	16 16 16 16 16 16 16 16 16	24 24 16 24 46 24 46 24	Jan. 1876 Average	10 10 10 10 10 10 10 10	1 1 1 1 3 1 1 2	FM FF FM FF	. 67 . 90 . 95 1. 05 1. 10 1. 20 1. 20 1. 25	64 64 64 64 64 64 64	64 15 55 66 56 66
Average	11	11		1.02	46	44	July 1876	10	- 1	F		11	/
July 1873	11 11 11 11 11	1 1 1 1 1	F F M F	. 50 . 65 . 75 . 80 . 95 1. 00	46	61 66 66 66 66	5 diy 1870	10 10 10 10 10 10	1 1 1 3 1 3	M F M F	. 67 1. 00 1. 00 1. 10 1. 15 1. 15 1. 20	**	14
	11 11 11 11	1 1 1 2	F M F	1. 20 1. 25 1. 33 1. 33	46	.14 .14 .18	Average Jan. 1877	10 10 10	11 1 1	F M	1.07 .67 .95	44	66
Average	11	11		1.01	44	46		10 10	1 5	F	1.05 1.10	44	11
Jan. 1874	11 11 11	1 1 1	F F F	. 60 . 70 . 80	44	6 6 6 8 6 8		10	1 2	M F	1. 15 1. 15	64	44
7	11 11	1	F M	. 85 1. 00	66	46	Average	10	11		1. 05½	14	
	11 11 11 11 11	1 1 1 1 1 1	F F F M F	1. 05 1. 20 1. 25 1. 30 1. 33 1. 33	64 64 66 66	46 46 48	July 1877	10 10 10 10 10 10	1 1 5 1 2	F F M F	1.00 1.00 1.10 1.15 1.15	11	64 64 65 64
Average	11			1.031	46	44	Average	10	11		$1.05\frac{1}{9}$	**	4.6
July 1874	11 11 11 11 11 11 11 11	1 1 1 1 2 1	F F F F F F F F F F F F F F F F F F F	. 65 . 75 . 80 . 85 1. 00 1. 10 1. 20 1. 25 1. 25	** ** ** ** ** ** ** ** ** ** ** **	66 66 66 66 66 66	Jan. 1878	10 10 10 10 10 10 10 10	1 1 1 2 1 3 1	F M F F M F F	. 67 1. 00 1. 00 1. 05 1. 10 1. 15 1. 15 1. 25	44 64 64 64 64 64 64	44 44 44 44 44 44
A			F	1.30	44	66	July 1878	10	1	F	.67	64	44
Average Jan. 1875	11 10 10	11	F M	1.02 1 .67 .80	44	46 88	2 443 2010	10 10 10 10	1 2 2 1	M F F	. 95 1. 00 1. 10 1. 15	46 46 44	14 16 46

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

ROOM HANDS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wag	ges.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1878- cone'd.	10 10 10	2 1 1	F F	\$1, 15 1, 20 1, 25	64		у.	Jan. 1883	10 10 10 10	1 3 1 5	F M F	\$0.50 .60 1.00 1.00	64	day.
Average	10	11		1.06	44	44			10 10	1 1	M M	1.10 1.25	64	66
Jan. 1879	10 10 10	1	M M M	. 40 . 50 . 60	64	44		Average		12		. 881	44	11
	10	2	F M	1.00	44			July 1883	10	1	F	. 50	15	
	10	4	F	1.00	**	6.6			10	3 1	F M	. 60 1. 00	4.6	66
Average	10	10		.77	44				10 10 10	5 1 1	F M M	1.00 1.10 1.25	44	66 66
July 1879	10 10	1	M	.40	4.6	44		A.verage		12		. 883		44
	10 10	1 2	F	.60	61	- 64						_		
	10 10	1 4	M	1.00 1.00	44			Jan. 1884	10 10	$\frac{2}{1}$	F	.60 .70		14
Average		10		.77					10 10	1 5	M F	1.00 1.00		44
Jan. 1880	10	1	м	.40					10	ĭ	м	1. 10	4.6	4.6
9811. 1000	10	1	M	.50	44	64		Average	10	10		. 90	* *	4.6
	10 10	1 2	M F	. 60 . 60	66	44		July 1884	10	2	F	. 60	6 6	44
	10 10	1 4	M. F	1.00	44			042, 2002	10 10	1	F	.70 1.00		44
Average	10	10		.77		. 44			10	5	F	1.00 1.10	"	44
July 1880	10	1	м	. 40					10			. 90	41	44
o and needs	10	1 1	M	. 50	11		-	Average	10	10		.90		••
	10	2	F	1.00	44			Jan. 1885	10 10	2 3	F	. 70 1. 00	66	46
	10 10	4	F	1.00	. 44	66			10	1	M	1. 10	16	44
Average	10	10		77	**				10	7		. 951		
Jan. 1881	10	1	м	. 40	66			Average			777	_		44
	10 10	1 1	M	. 50	64	44		July 1885	10 10	3	M	.70 1.00		6.4
	10 10	2 1	F M	1.00	**	44		ľ	10 10	1 1	M	1. 10 1. 20	44	4.6
	10	4	F	1.00	44			Average	10	7		. 951	1.1	, 66
Average	10	10		.77				Jan. 1886	10	2	F	.70	4.6	44
July 1881	10 10	1 1	M	.40	44			1	10 10	3 1	F M	1.00 1.10	16	44
	10 10	1 2	M	.60				l	10	1	М	1. 20	6.6	14
	10 10 10	1 1	M	1.00	44	4.6		Average	10	7		. 95½		8.6
	<u></u>		<u> </u>		44			July 1886	10	2 3	F	1. 70 1. 00	44	66
·Average	10	10		.77					10 10	1	M	1.10	44	44
Jan. 1882	10 10	1 1	M	.60	44	46			10	1	M	1.20		
	10 10	3 2	F M	. 60	16			Average	10	7		. 951	14	14
	10 10	2 1 4	M	1.00	44			Jan. 1887	10 10	1 1	M F	. 50	44	44
A Trong me				. 781					10	1 4	F	.70 1.00	46	11
Average	10	12	м	.40	16				10	2	M F	1. 10 1. 10	44	44
July 1882	10 10	1	M,	. 60	44	. 46		4		10		. 91	6.6	**
	10 10	3 2 1	F M	. 60	41			Average	10		36		66	44
	10 10	1 4	M F	1.00 1.00	44			July 1887	10 10	1	M F	. 50	44	44
Average	10	12		.781	46				10 10	14	F	.70 1.00	46	66
	10			9				•						

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

ROOM	HANDS-	Conc	luded.
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Payr of-	OII .	lours per day.	Different employés.		Rate	of 1	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rat	e of	wages.
July 18	887- 'd.	10 10	2 1	M F	\$1.10 1.10	per	day.	July 1889- conc'd.	10 10	* 2 5	M F	\$1.20 1.20	per	day.
Aver	age	10	10		. 91	44	66	Average	10	11	••••	. 99	"	44
Jan. 1	888	10 10 10 10 10 10 10	1 1 1 1 4 1 1	M F M F M F	.50 .60 .70 1.10 1.20 1.20	64 64 68 66 86	64 64 64 64	Jan. 1890	10 10 10 10 10 10 10	2 1 1 2 1 1	F M F M F F	.50 .70 1.17 1.20 1.25 1.35 1.40	* 64 61 65 66 66 68	66 66 66 66
Aver	age	10	10		. 97	66	44	Average	10	9		1. 03	"	"
July 18	888	10 10 10 10 10 10 10	1 1 1 3 1 2	M F M F M F	.50 .60 .70 1.10 1.20 1.20	44 44 44 44 44	44 44 44 44 44	July 1890	10 10 10 10 10 10 10 10	2 1 1 2 1 1	F M F F M F F	.50 .70 1.05 1.17 1.20 1.25 1.35	41 14 14 14 14 14	64 64 65 66 66 66
Aver	age	10	10		. 98	46	46	Average	10	10		1.03	**	44
Jan. 18	889	10 10 10 10 10 10 10	1 1 1 1 2 4	F M F M F M F	.50 .60 .70 .79 1.10 1.20 1.20	66	66 64 66	Jan. 1891 Average	10 10 10 10 10	2 1 1 3	F M F F	1. 05 1. 17 1. 35 1. 04	66 66 64 64	66 66 66
Avera	age	10	11		. 98	44	46	July 1891	10 10	1	F F	. 50 . 60	44 6- 44	66 66
July 18	389	10 10 10	1 1 1	F F M	. 50 . 60 . 70	66	46 66 44		10 10 10	1 1 3	M F F	1. 05 1. 17 1. 35	£6 66	66 64
		10	1	F	. 70	44	44	Average.	10	7		1.051	ŧt.	**

ROVING HANDS.

Jan. 1856 July 1856 Jan. 1857 July 1857 Jan. 1858 July 1858 July 1858	12 12 12 12 12 12 12	6 5 3 4 5 2 4	M M M M M M	.67 .67 .67 .67 .67 .38	per	day.	Jan. 1864- conc'd.	11 11 11 11 11 11		2 3 1 3 1 2	M F F F	.50 .50 .58 .60 .65	per	day.
Jan. 1860	12	4	M	. 38	**	64	Average	11	i	14	l	. 55	**	44
July 1860	12 12	4 1	M M	.38	44	66	July 1864	- 11		1	F	.38	61	**
Average	12	5	M	. 381	44	44		11		3	M F	.50	13	44
			_	_				11	İ	2 1 1 3	F	.58	4 6	**
Jan. 1861	11	3	M	. 38	44	44	il .	îî		î	F	. 60	4.6	1.6
	11	1	M	.40	44	44	li ·	• 11	ĺ	3	F	. 65	- 44	44
Average	11	4	M-	001	44	44		11			F	. 70	44	11
Avorago	11	4	MT.	. 38 <u>1</u>	••	••	H	11	Į	1	F	. 72	44	44
July 1861	11	1	М	. 33	6.6	44		11		1	F	, 80		
•	11	1	M	.38	44	14	Average	11		14		. 59	14	44
	11	1	M	. 42	4.6	44			-	14		. 00		
.	11	1	M	. 46	4.6	44								
A							Jan. 1865	11		$_{4}^{2}$	М	. 55	44	44
Average	11	4	M	. 39½	44	44		11		4	F	. 65	5.6	44
July 1862	11	1	М	. 50	66	44		11		1	F	. 70	44	66
T 5 1002	- 11	- 1	TKIT.	. 50	,,		[11		1	F	.75	**	64
Jan. 1864	11	1	\mathbf{F}	. 38	44	44	l)	11		1	F	. 78	••	
-	11	î	M	.40	4.6	46	Average	11		9		. 66	66	44

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued. ROVING HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	rages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1865	11 11 11 11 11	1 1 2 2 1	MEFFF	\$0.55 .60 .65 .70 .75	per	day.	Jan. 1869- conc'd.	11 11 11 11 11	1 6 3 1	F M F F	\$0,75 .80 .80 .85 .90	per	day.
Average		9		. 69		44	Average	11	19		.741	1.6	** /
Jan. 1866	11	1	м	. 50	14	44	July 1869	11 11	1	M M	. 33		44
J an. 1000	11 11 11 11 11 11	1 1 1 4 1 2	M M F F	. 58 . 60 . 65 . 70 . 75 . 80	44 64 64 64	46 46 46 46 44		11 11 11 11 11 11	1 1 1 2 3 3 5	M M F F F	.60 .75 .75 .80 .85	66 66 66 66	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
Average	11	11		. 68	44	46	Average	11	17		.75½	: 1	4.6
July 1866	11 11 11 11 11 11	2 1 1 4 1 2	M M F F	. 60 . 65 . 70 . 75 . 80 . 85	66 66 66	66 66 66 66	Jan. 1870	11 11 11 11 11 11 11	1 1 1 7 5	M M F F	.60 .75 .80 .80 .85	66	46 46 46 47
Average	11	11		. 73	4.6	44	Average	11	16		. 801	6.6	44
Jan. 1867	11 11 11 11 11 11	1 2 1 1 5 2	M F M F F	. 65 . 67 . 67 . 75 . 80 . 85	66 66 66 65 64	44 44 44 44 44 44 44 44 44 44 44 44 44	July 1870	11 11 11 11 11 11 11	1 1 6 1 4 1	M F F M F F	. 65 . 75 . 75 . 80 . 85 . 85 . 90 . 95	66 66 64	66 66 66 66 66
July 1867	11	3	M	. 50	44	44	Average	11	16		. 81 ½	ŧτ	"
	11 11 11 11 11 11	1 3 1 1 5	M F M F F	. 60 . 67 . 76 . 80 . 85 . 88	66 64 64 64 64	66	Jan. 1871	11 11 11 11 11 11	1 1 4 7 1 2	M M F M F	. 75 . 80 . 85 . 90 . 95 . 95	6 6 6 6 6 6 6 6 6 6	16
Average	11	15		.72	44	11	Average	<u> </u>	16		.88	44	6.6
Jan. 1868	11 11 11 11 11 11	1 1 2 5 3	M M M F F M F	.50 .58 .60 .63 .75 .80 .85	44 44 44 44 44	66 66 66 64 64	July 1871	11 11 11 11 11 11	1 1 2 5 1 6	·M H F M F	. 75 . 85 . 90 . 95 1. 00 1. 00	4 6 4 6 4 6 4 6 4 6 4 6 4 6 4 6	E
	11	1	F	. 88		44	Average		16		. 941		44
Average July 1868	11 11 11 11 11 11	18 1 1 1 1 1 1 6	M M M M M	.74½ .33 .50 .63 .65 .75	44 48 48 48 48	66 66 66 66 66	Jan. 1872	11 11 11 11 11 11 11	1 1 2 3 1 8	M M F M F	. 83 . 90 . 90 . 95 1. 00 1. 00	66 66	, et , et , et , et , et , et , et , et
	11	6 1 2	M F	.80	44	44	July 1872	11	1	F	.85	14	66
Average	11	19	F	. 85		44	July 10/2	11 11 11	3 2 9	F M F	. 95 1. 00 1. 00	6 6 6 6	11
Jan. 1869	11	1	м	. 33	44	44	Average	11	15		. 98	**	64
	11 11 11 11	1 1 1	M M M M	.50 .63 .65 .75	44 44	46 46 46	Jan. 1873	11 11 11	3 3 1	F F M	. 85 . 90	44	44 44 46

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Coutinued.

BOVING HANDS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of	wages.
Jan. 1873- conc'd.	11 11 11	2 1 1	F M F	\$0.90 .95 .95	per day.	Jan. 1877	10 10 , 10	1 1 1	M M M	\$0.45 .50 .60	64	day.
Average	11	11		. 87		ll .	10	6	Б Ж	. 60 . 65	44	66
July 1873	11	1	F	. 70	44 44	1	10 10	2	F	. 65 . 70	56	"
	11 11	1 8	F	. 75	11 41		10 10	2 1	F	. 80 . 85	61	"
	11 11 11	1 2	M F	. 85	44 44	Average	. 10	16		. 64	- 11	u,
	ii	3	M F	.90	66 66	July 1877	10	1	М	. 45	66	"
Average	.11	12		. 831	44 66		10 10 10	3 3 2	M F F	.60	44	11
Jan. 1874	11 11	$\frac{2}{1}$	F	. 65	44 46 46 64		10 10	1	F	.70	11	44
	11	3 1	F M	.75	46 46		10	$\frac{2}{1}$	F	. 80	ш	46
	11 11	$\frac{1}{2}$	F M	.80	66 66	Average	10	13		. 64	4.6	44
	11 11	$\frac{1}{2}$	F	.85	66 66	Jan. 1878	10 10	$\frac{2}{1}$	M F	.50	22	66 -
A verage	11	13		. 78	41 46		10 10		M F	. 60	11	**
July 1874	11	1	F	. 60	61 66		10 10	1 3 1 1	M F	. 65 . 65	66	**
	11 11	1 3	F	.65	44 44		10 10	1 2	F F	.70 .75	11	"
	11 11	2 2 1 2	<u>и</u>	.75	11 11		10	1	F	. 80	ţţ	66
	11 11	1 2	F	. 80 . 85	14 44	Average	10	13		. 631	14	14
4	11	1	F	1.00	11 41	July 1878	10 10	2 1	M F	. 50 . 50	2.6 2.0	44 44 -
Average Jan. 1875	11	13		. 761	11 41		10 10	2	M F	. 60 . 60	66	44
оап. 1875	10 10 10	5 1	F	. 65	11 11		10 10	2	F	. 65 . 75	66	45
	10 10	1 3 1	M F M	. 75 . 75 . 80	44 44		10	1	F	. 80	"	**
	10 10	$\frac{1}{2}$	F	.80	£1 . £1	Average	10	13	м	. 61 . 40	"	66
Average	l	14		. 731	66 66	Jan. 1879	10 10 10		F M	. 50	11	44
July 1875	10	1	м	. 60	66 66		10 10	2 2 2 3	M F	. 60	11	
	10 10	3 2	F	. 60	44 44		10	1	F	. 75	44	44
	10 10	2	F M	.70 .75	ee 66	Average	10	15		. 551	11	**
	10 10	1 3	F	. 75 . 80	66 66	July 1879	10	3	М	. 40	**	11
	10	<u> </u>	F	. 90	** **	ŀ	10	1 2	M	. 45	66	44
Average	10	14		. 703	44 44	-	10	1 1 2	F	. 50 . 55 . 60	64	**
Jan. 1876	10 10 10	1	M F	. 50	44 44 64 44		10 10 10	3 1	M F M	. 60	14	44
	10 10 10	5 1	F M	. 65	64 44 64 44		10 10	1	F	. 75 , 90	44	"
	10	5 1	F	. 75 . 85	46 44	Average	10	16		. 561	41	**
Average	10	14		. 691	66 66	Jan. 1880	- 10	4	M	. 40	64	46
July 1876	10 10	1 2	M M	. 40	61 66 64 64		10 10	1	M	. 45 . 50 . 50	64	"
İ	10	3 4	F	. 60 . 65	66 66		10 10 10	1 1	F M F	. 55	44	66
	10 10	1	M F	.70	16 48 16 46		10 10	1 2 3 2	M F	. 65 . 65	44	44
	10 10	1 3	F	. 75 . 80	46 66		10 10	1 1	F	.75	44	44
Average	10	16	•••••	. 64	66 66	Average	10	17		. 561	14	44

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

ROVING HANDS-Continued.

10	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	age
10	[n]v 1880	10	2	м	\$0,40	per	day.	July 1883-	10	1		\$0.70	per	day.
10	ury 1000	10	4	M	.50	4.4	4.6		10	1	М	, 80	* 11	410
Average 10 16			2	m				Average	10	23		. 50	6.6	6.6
Average 10 1657		10	2	F	. 60			1						
Average 10 1 F .85 " 10 1 M .55 " 10 1 F .55 "		10	1	M	. 65			Jan. 1884			M	. 40		
Average 10 1657		10		F	. 85	1.6	44			i	M			6.6
an. 1881								1	10	1		, 50		44
an. 1881	Average	10	16		. 57					1 2				5.6
Average 10 14	an. 1881	10	1	м	.40					2	M	. 60		4.6
Average 10 14			3		.40			1	10	1		. 60		
Average 10 14		10	3	F				li i		1	F		66	
Average 10 1452 July 1884 10 1857		10	1	M	. 60					2	M		4.6	4.6
Average 10	,		1					A	10	18		57	4.6	
Tally 1881 10				1				Average			1			
Second S	Average	10	14		. 52	66	44	July 1884		3		.40		
10	nlw 1881	10	1	M.	.40	44	44	1		2		50	44	44
Average	TTA TOOL	10	3	F	.40	14	6.6	łl .	10.	ī	F	. 50		
Average			4	M				-	10	3				44
Average 10 1452 Average 10 2 M .80					.60			ļ		1 1	E	. 60		6 6
Average 10 1452 Average 10 2 M .80		10	1	F	.75			li .	10	2				
Average 10		10	1	В	. 80]		1 2				"
an. 1882 10	Average	10	14		. 52	11	**	Average				·	44	6.6
10	an. 1882		1		. 45						l	_	.,	
10			2					Jan. 1885				40		44
Average 10		10	3			**	41	il	10	2	F	. 55		1.6
Average 10		10	2	E	, 55			1		3	M			44
Average 10										, 2		.65		4.4
Average 10		10	i	F		4.6	64	H	10	1	M	.70		4.6
Average 10	Average	10	13		. 56	**	**	1	10	5				66
Average 10 1357\frac{1}{6}67\frac{1}{6}67	uly 188 2							Average	10	20		. 62	44	46
Average 10 1357\frac{1}{8}57\frac{1}{8}		10	3			61	44	July 1885	10	2		.40		4.4
Average 10 13571		10	3	F	, 55					1		.40		64
Average 10 13 57\frac{1}{6}			1 1	I MI						2	F			8.8
Average 10 1357½		10	ì	F	.70			11	10	3	M	. 60		44
Average 10 13 57\frac{1}{6} " " 10 1 1 F 70 " " 10 10 5 M 80 " " 10 10 5 M 80 " " 10 10 20 62 " 10 10 20 62 " 10 10 20 62 " 10 10 10 10 10 10 10		10	1	F	. 85	81	44	1		4		. 70		44
fan. 1883 10 4 M .40 " " Average 10 5 M .80 " 10 10 2 M .45 " Jan. 1886 10 20	Average	10	13		571		44	ii .	10	1	F	.70		6.6
10	_		4	M	.40	1.6			-		-[
10		10	3	F	.40			Average	10	20	1			
10		10	1 2	F	. 45			Jan. 1886		2				
10			1 1						10	1	M	. 50	44	4.6
Average 10 2150			1	M	. 55	- 44			10	1	F	. 60		44
Average 10 1 M .80 " " 10 1 M .80 " " 10 1 M .85 " 10 10 1 M .85 " 10 10 1 M 1.00 " 10 M 1.00 " 10 M		10	1	F	. 55					1 1	M.	65		44
Average 10 1 M .80 " " 10 1 M .80 " " 10 1 M .85 " 10 10 1 M .85 " 10 10 1 M 1.00 " 10 M 1.00 " 10 M		10			70			1		í	F	.70		44
Average 10 2150 " " 10 1 M 1.00 "				M	.80	4.4	44	1	1 10	1 4		. 80		44
Taly 1883 10	Average	10	21		50	•••	**		10	i				44
10	uly 1883			M	. 40			Average	10	15		67		**
10			4			46	16	July 1886		2		. 40		66
10 1 M .50 10 10 1 M .65 10 10 1 M .65 10 10 1 F .65 10 10 1 F .65 10 10 1 F .65 10 10 1 F .65 10 10 1 F .65 10 10 10 10 10 10 10 10 10 10 10 10 10		10	1	F	. 45				1.0	1				46
$egin{array}{ c c c c c c c c c c c c c c c c c c c$			1 2		. 50			1	10	1	M	. 65	46	44
		10	1	M	. 55			1	10	1	\mathbf{F}	. 65		44
10 3 F .60 " " 10 4 M .80 "		10	1	F	. 55	66	44		10	3 4	M	80	64	86

17509, pt. 2-50

COTTON GOODS: ESTABLISHMENT No. 40; MASSACHUSETTS-Continued.

ROVING	п	AVD	€ .	Conc	habrel
KUV ING	н	AAD	\circ	COHC.	iuueu.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1886- conc'd.	10 10	1 1	<u>М</u> М	\$0.85 1.00	per	day.	Jan. 1889 conc'd.	10 10	5 1	M M	\$1.00 1.05	per "	day.
Average	10	15		. 68½	6.6	4.6	Average	10	13		. 86	6.6	44
Jan. 1887	10 10 10 10 10 10	1 2 1 3 3 4	M M F F M	. 45 . 50 . 60 . 70 . 80 1. 00	66	66 66 66 64	July 1889	10 10 10 10 10 10	1 2 2 2 5	M F M F M	.50 .75 .80 .80 1.00 1.05	66 66 66 61	64 45 64 64 66
Average	10	14		. 751	66	44	Average	10	13		. 861	44	11
July 1887	10 10 10 10 10 10	1 2 1 3 3 4	M M F F M M	. 45 . 50 . 65 . 75 . 80 1. 00	44	66 66 66 66	Jan. 1890	10 10 10 10 10 10	1 1 2 2 2 2	M M F M F	. 50 . 65 . 75 . 80 . 80 1. 00	66 66 66 66	16
Avera ge	10	14		. 77	4.4	44	Average	10	11		. 80 <u>1</u>	4.6	tr
Jan. 1888	10 10 10 10 10	1 1 3 3 7	M F F M M	. 50 . 70 . 75 . 80 1. 00	66	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	July 1890	10 10 10 10 10	1 2 4 1 3	M F M	. 65 . 80 . 80 . 90 1. 00	64 66 66	66 66 66
Average	10	15		. 851	44	6.6	Average	10	11		. 85	£ £	"
July 1888	10 10 10 10	1 1 4 2	M M F M	. 50 . 75 . 75 . 80 1. 00	66 66	# E # E # E # E	Jan. 1891	10 10 10 10	1 1 1 2	M M M M	.75 .80 .90 1.00	66 66	44 46 46 46
Average	10	15		. 854	44	44	Average	10	5	M	. 89	"	**
Jan. 1889	10 10 10 10	1 1 2 1	M F M	. 50 . 75 . 75 . 80	66 66 61	46	July 1891	10 10 10	1 1 2	M M M M	.75 .80 .90 1.00	65 64 64	11 1
	10	2	F	.80			Average	10	5	M	. 89		

SECOND HANDS.

Jan. 1840	14 14 14	4 1 1	M M	1. 10 1. 17 1. 25	Per "	day.	July 1843	. 14 . 14	4 3	M M	1. 10 1. 25	per	day.
A verage	14	6	<u> </u>	1, 131	44	46	Average	14	7	M	1.161	4.4	16
July 1841	14 14	4 2	M M	1. 10 1. 25	**	**	Jan. 1844	14 14 14	1 2 4	M M M	1.06 1.10 1.25	44	66 66
Average	14	6	M	1, 15	6.6	44	Average	14	7	м	1.18	46	11
Jan. 1842	14 14	4 2	М	1. 10 1. 25	44	44	July 1844	14	1 6	м	1.10	11	64 46
Average	14	6	м	1.15	4.8	44		. 14		_M_	1. 25		
July 1842	14 14	4 2	M M	1. 10 1. 25	44	46	Average Jan. 1845	14	7	M	1, 23	14	"
Average	14	6	M	1, 15	44	44	July 1845 Jan. 1846	14 14	6	M	1.25 1.25	44	"
Jan. 1843	14 14	4 3	M M	1, 10 1, 25	66	44	July 1846 Jan. 1847 July 1847	. 14 . 14	6 3 3	M M M	1, 25 1, 25 1, 25	66 16	11 11 16
Average	14	7	М	1. 16	41	44	Jan. 1848 July 1848	14 14	6 5	M M	1.25 1.25	44	"

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

			_										
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Bours per day.	Different employés.	Sex.	Rate	of	wages
Jan. 1849	14 14	1 5	M M	\$1.08 1.25	per	day.	Jan. 1858	12 12	2 3	M M	\$1.42 1.50	per	day.
Average	14	6	M	1.22	6.6	44	Average	12	5	М	1.47	44	44
July 1849	14 14	1 5	M M	1. 12 1. 25	66	44	July 1858	12 12	2 3	M M	1.42 1.50	44	46
Average	14	6	М	1.23	44	44	Average	12	5		1.47	44	44
Jan. 1850 July 1850 Jan. 1851	14 14 14	5 6	M M M	1. 25 1. 25 1. 25	66 66	44 45 16	Jan. 1859	12 12	2 3	M M	1.42 1.50	44	45
July 1851 Jan. 1852	14	6	M	1. 25 1. 25	66	"	Average	12	5	M	1.47	"	
July 1852 Jan. 1853	12	6	M	1. 25	44	"	July 1859	12 12	2 3	M M	1. 42 1. 50	46	64
U AII. 1000	12	i	M	1. 50	44	66	Average	<u>-</u> -	5	M	1. 47		4.6
Average	12	5	M	1.30	14	**	Jan. 1860	12	1	M	1. 42		44
July 1853	12 12	3 1	M	1. 25 1. 50	11	44		12	- 5	_M	1.50		44
Average	12	. 4	M	1.311	44	"	Average	1	6	M	1.48	"	44
Jan. 1854	12	1	M	1.06	44	66	July 1860	12 12	1 5	M	1. 42 1. 50		"
	12 12	- 4	M	1. 25 1. 50	44	"	Average	12	6	М	1.48	**	* *
Average	12	. 6	M	1. 26	"	46	Jan. 1861	11 11	1 2	M	1. 25 1. 42	44	44
July 1854	12 12 12	1 4 1	M M M	1. 17 1. 25 1. 42	"	44	Average	41	7	M	1 50		**
	12	1	M	1.50		44	July 1861	11	1	М	1. 25	44	"
Average		7	M	1. 30		**		11	2 4	M	1.42	11	
Jan. 1855	12 12 12	1 4 1	M M M	1. 17 1. 25 1. 42	"	14 44	Average		7	м	1.44		"
A	12	7	M	1. 50	66		Jan. 1862	11	1 2 3	M M M	1.33 1.42 1.50	44	"
A verage July 1855	12	' 4	M	1. 30		44	Average	11	6	M	1. 44		"
uny 1000	12 12	1 1	M	1. 42 1. 50	66	" .	July 1862	111	4	M	1. 42 1. 50	16	16
Average	12	6	M	1.32	66	44	Average	-	5	M	1.43		64
Jan. 1856	12 12 12	5 3 1	M M M	1. 25 1. 42 1. 50	66 66	**	Jan. 1863	11 11	5 1	M M	1.42 1.50	16	68 66
Average	12	9	M	1.331	64	44	Average	11	6	м	1.43	"	**
July 1856	12 12	4 2	M	1. 25 1. 42	44	"	July 1863	11	3	M	1.42	44	**
	12	3	M	1. 50	44	44	Jan. 1864	11 11	1 2	M	1.33 1.50	16	66
Average	12	9	M	1.37	**	. "		11	4 3	M	1.58	11	66
Jan. 1857	12 12	3 1	M	1. 25 1. 33	6 6 6 4	46		11	2	M	1.75	*4	64
	12 12	1 3	M	1.42 1.50	64	44	Average		13	м	1. 611	"	44
Average	12	В	M	1.371	64	44	July 1864	11	1	М	1.33	66	· .
July 1857	12 12 12	1 2 4	M M M	1. 25 1. 42 1. 50	66 66	66 66		11 11 11 11	4 3 3 2	M M M	1, 58 1, 67 1, 75 1, 83	11	6
Average		7	M	1.44	44	64	Average		13	M	1.66		
or ago	1 12	, '	,	1								4	· \ -

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.		Rate	of	wagea
Jan. 1865	11 11 11 11 11 11	2 1 4 3 2 2	M M M M M	\$1. 33 1. 58 1. 67 1. 75 1. 83 2. 00	per	day.	Jan. 1869	11 11 11 11 11 11 11	1 1 1 8 1 5	M M M M M M	\$1.50 1.55 1.75 1.83 1.91 2.00 2.25	per	day.
Average		14	M	1.70	"	44	Average	11	18	М	1.861		44
July 1865	11 11 11 11 11 11	2 1 1 2 3 1 5	M M M M M M M	1. 42 1. 43 1. 50 1. 67 1. 75 1. 83 2. 00	66 66 68	46 66 48 44 44	July 1869	11 11 11 11 11	1 1 8 1 5	M M M M M M	1.50 1.58 1.75 1.83 1.91 2.00 2.25	66 66 66 66 66	66 66 66 66 66
Average	11	14	M	1.75	44	44	Average	11	18	м	1.87	ŧŧ	44
Jan. 1866	11 11 11 11 11 11	1 2 1 4 1 6	M M M M M	1. 00 1. 42 1. 67 1. 75 1. 91 2. 00	46 46 46 46 46	66 66 66 66 66	Jan. 1870	11 11 11 11 11 11	1 1 1 5 6	M M M M	1. 50 1. 67 1. 75 1. 83 2. 00 2. 50	2.2 2.2 2.2 2.3 2.3 2.4 2.5 2.5 2.5 3.5 3.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4	66 64 64 64 64
Average	11	15	M	1.76	66	46	Average	- 11	15	М	1.901	ıı	44
July 1866	11 11 11 11 11 11	1 1 1 3 3 2	M M M M M	1. 25 1. 48 1. 50 1. 75 2. 00 2. 17	44	46 66 66 66	July 1870	11 11 11 11 11 11	1 1 1 5 6	M M M M M	1. 50 1. 67 -1. 75 1. 83 2. 00 2. 50	44 44 44 44	85 64 84 64 64
Average	11	11	М	1.80	44	44	Average	11	15	M	1.901	44	44
Jan. 1867	11 11 11 11 11 11	1 1 1 4 5	M M M M M	1. 33 1. 50 1. 67 1. 75 1. 83 2. 00 2. 17	66 66 66 66	66 64 64 64	Jan. 1871	11 11 11 11 11	4 7 7 1	M M M M	1. 75 1. 83 2. 00 2. 50	46 46 46	66 66 66
Average	11	18	M	1. 871	44	44	July 1871	11	4	M	1. 75	4.6	44
July 1867	11 11 11	1 2 1	M M M	1.50 1.58 1.67	44 44	66 66		11 11 11	7 7 1	M M M	1. 83 2. 00 2. 50	64 64	66
	11 11	1 4	M M	1.75 1.83	66	44	Average	11	19	M	1.91	64	46
Average	11	5 4	M M	2.00 2.17	66	16 44	Jan. 1872	11 11 11 11	3 10 7 1	M M M	1. 75 1. 83 2. 00 2. 50	66 66 66	46 46 66
Jan. 1868	11	2	м	1.50	44	**	Average	11	21	м	1. 901	. 6	44
	11 11 11 11 11	1 1 7 6 1	M M M M M	1. 55 1. 75 1. 83 2. 00 2. 25	46 46 44 44	44 44 44 44	July 1872	11 11 11 11	3 10 7 1	M M M M	1. 75 1. 83 2. 00 2. 50	64 64 66	66 66 66
Average	11	18	M	1. 85½	**	46	Average	11	21	М	1. 90½	**	**
July 1868	11 11 11 11 11 11	2 1 1 7 6 1	M M M M M M	1. 50 1. 58 1. 75 1. 83 2. 00 2. 25	44 64 64 64 64 64 64	44 44 44 44	Jan. 1873	11 11 11 11 11 11	7 1 1 8 1 1	M M M M M M	1.50 1.75 1.83 1.91 2.00 2.25 2.50	16 16 18 61 46 68	64 14 14 44 45 46 46
- TOTAGO	TT İ	10	- Ar	1. 85		"	Average	11	20	М	1.91	•	

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

Payrell of-	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of v	vages
July 1873	11 11	2 1	M M	\$1,50 1,70	- 66	day.	Jan. 1877	10 10	2	M M	\$1.50 1.67	6.6	day.
	11	6	M	1. 75	14	44	1	10	1	M	1.70	44	66
- 1	11 11	1 1	M	1.83	66	11	1	10	1	M	1, 75 1, 80		44
-1	îî	7	M	2.00	6.6	66		10	î	M	1.83	6.6	44
	11	1	M	2. 25	44	44	1	10	8	M	2.00	6.6	66
	11	1	M	2. 50	••	••		10 10	1 1	M	2. 25 3. 00	14	44
Average	11	20	M	1.881	4.4	46	Average		20	м	1, 91	, ,	11
Jan. 1874	11	2	M	1.50	44	44					1		4.4
	11 11	5 2	M	1.75 1.80	64	44	July 1877	10 10	2	M	1.50 1.67	4.6	64
	11	3	M	1.83	4.6	64		10	i	M	1.70	6.6	66
	11	6	M	2.00	4.4	66		10	4	M	1.75	66	66
	11	1	M	2. 25 2. 50	44	44	ll.	10	1	M	1.80 1.83		
	11	- 1	NT.	2. 00			H	10 10	8	M	2.00	41	6.6
Average	11	20	M	1.88	64	**		10 10	i	M	2, 25 3, 00	# LE	46
July 1874	11 11	1 1	M M	1.50 1.67	44	64	Average		20	M	1.911	44	44
	11	5	M	1.75	44	44	_	10		3.0	1 50	14	66
	11 11	2 1	M	1.80		44	Jan. 1878	110	2 1	M	1.50 1.67	4.6	4.6
	11	7	M	2,00	4.6	44	il	10	1	M	1.70	4.4	4.6
	11	1	M	2. 25	44	44		10	4	M	1. 75	41	
+	11	1	M	2.50	**	**	1	10	1	M	1, 80 1, 83	44	44
Average	11	19	M	1.90		44		10	1 7	M	2.00	4.4	4.6
	}						ł	10	1	M	2. 25	64	66
Jan. 1875	10	2	M	1.50	64	44	li	10	1 1	M	2.50		
	10 10	1 3	M	1.55	44	11		10	1	747	3.00		
	10	3 2	M	1.80		64	Average	10	20	М	1.932	4.6	**
	10	2	M	1.83	46	66	Tul- 1970	10	3	м	1, 50	5.6	4.6
	10 10	8	M	2.00	44	**	July 1878	10	1 1	M	1. 67	6.6	4.4
			-				{	10	1 1	M	1.70	66	66
Average	10	19	M	1.87	4.6	44		10	3 1	M	1.75 1.80	- 66	66
July 1875	10	1	м	1.50		**	1	10	8	M	2.00	4.6	6.6
outy 1010	10	î	M	1.60	4.6	64	1	10	1	M	2, 25	44	4.6
	10	1 1	M	1. 67	44	66		10	1	M	2, 50 3, 00	64	14
•	10 10	2 2	M	1.75 1.80	14	66	1	10	1	341	3,00		
	10	1 5	M	1.83	44	44	Average	10	20	M	1.93	1.5	4.6
	10	9	M	2.00	14	44	T. 1070	10		-M	1.30	4.6	4.6
	10	1	M	2.50	. "	••	Jan. 1879	10	1 2	M	1.60	4.6	~ 66
Average	10	19	M	1.891	. 46	44		10	1	M	1.70	6.4	4.6
	ĺ	1 -	1	1 7		44		10	2	M	2.00	44	44
Jan. 1876	10 10	2	M	1.50	44	14	H	10	1	M	2, 25 3, 00		
	10	1 1	M	1.65	4.4	4.4	1						
	10	1	M	1.67	44	16	Average	10	8	M	1.93	++	
	10 10	1 2	M	1.70 1.75	44	44	July 1879	10	1	м	1,30	14	4.6
	10	1 1	M	1. 80	4.6	66	July 1019	10	2	M	1.60		4.6
	10	1 2	M	1.83	11	44		10	1	M	1.70	**	66
	10	7	M	2.00	66	66		10 10	2	M	2.00	11	44
	10 10	i	M	3, 00	44	64	ļ.	10	î	M	3.00	4.6	
Average	10	20	М	1, 901	"	66	Average	10	В	М	1. 93	44	44
July 1876	10	2	M	1.50	44	••	Jan. 1880	10	1	M	1.30	66	6.6
- 1-9 2019	10	2	M	1.60	44	44		10	2	M	1.60	**	44
	10	1	M	1.70	16	44		10	1 2	M	1.90 2.00	"	64
	10 10	3	M	1.75	44	66		10	1 1	M	2, 30		4.6
	10	2	M	1.83	44	44		10	î	M	3.00	4.4	44
	10	6	M	2.00	44	44				м	1.961	44	66
	10 10	1	M	2, 50	44	44	Average	10	8		1 7		
Average		19	M	1.90	- 44	66	July 1880	10 10	1 2	M M	1.50 1.60	44	46

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of	wage
July 1880- cone'd.	10 10 10 10	1 2 1 1	M M M M	\$1.90 2.00 2.30 3.00	46	day.	Jan. 1885	10 10 10 10	1 2 1 3	M M M M	\$1. 20 1. 50 1. 80 2. 25 2. 30	per	day.
Average	10	8	M	1. 981	44	4.6	Average	·	8	M	1. 88		11
Jan. 1881	10 10 10 10 10 10	1 1 2 1	M M M M M M	1.50 1.60 1.90 2.00 2.20 3.00	66 66 66 66	44 44 44 44 44	July 1885	10 10 10 10 10	1 2 1 3 1	M M M M M	1. 20 1. 50 1. 80 2. 25 2. 30	66 66 66	66 64 66
Average	10	7	М	2.03		. ••	Average	10	8	M	1.88	44	44
July 1881	10 10 10 10 10 10	1 1 2 1	M M M M M	1.50 1.60 1.90 2.00 2.20 3.00	66 66 66 66	65 66 66 66 66	Jan. 1886	10 10 10 10 10 10	1 2 1 3 1	M M M M M	1. 20 1. 50 1. 80 2. 25 2. 30	66 66 66	66 66 66
Average	10	7	M	2. 03	6.6	44	Average	10	8	M	1.88	"	12
Jan. 1882	10 10 10	2 1 2	M M M	1.60 1.90 2.00 2.20	66 66 66	64 66 66	July 1886	: 10 10 10 10 10	1 2 1 3 1	M M M M M	1. 20 1. 50 1. 80 2. 25 2. 30	44 44 44 44	66 66 66
	10	1	M	3.00		**	Average	10	8	М	1.88	**	44 .
Average July 1882	10 10 10 10 10	7 2 1 2 1	M M M M	1.60 1.90 2.00 2.20	66 66 66	44 44 44	Jan. 1887	10 10 10 10	1 2 3 1	M M M	1, 20 1, 50 2, 25 2, 30	6 E	66 66 66
	10	i	M	3. 00	44	6.6	Average	10	7	м	1.891	66	16
Average	10	7	M	$2.04\frac{1}{2}$	64	66	July 1887	10	1	м	1. 20	££	66
Jan. 1883	10 10 10	2 1 1	M M M	1.50 1.60 2.00	6.6 6.6	66 66		10 10 10	2 3 1	М М М	1. 50 2. 25 2. 30	11	\$1 E1
	10	1 1	M M	2. 25 3. 00	44	44	Average	10	7	M	1.89 ₄	6.6	**
Average July 1883	10 10 10	6	M M	1. 97½ 1. 20	66	64	Jan. 1888	10 10 10 10	1 2 3 1	M M M M	1. 20 1. 50 2. 25 2. 30	66 66	66 66 66
	10	2	M M	1.50 1.60	44	44	Average	10	7	м	1.891	11	44
	10	1 1	M M	2. 00 2. 25	4.6	44	July 1888	10	1	М	1.20		44
Average	10	6	M	1. 671	44	**		10 10	. 2	M M	1.50 2.25	44	14
Jan. 1884	10	1	М	1. 20	4.6	44		10	, 1	M	2.30	4.6	
	10 10	$\frac{2}{1}$	M M	1.50 1.60	44	44	Average	10	7	М	1.89 1	44	11
	10 10	1 1	M	2, 00 2, 25	44	44	Jan. 1889	10 10	1 2	M	1. 25 1. 50	14	44
	10	1	_M	2.30	44	44		10 10	1	M	2. 20 2. 25	**	14
Average	10	7	M	1. 76 ½	66	4.6		. 10	2 1	M	2.30	4.6	41
July 1884	10 10 10 10	1 2 1 1	M M M M	1. 20 1. 50 1. 60 2. 00 2. 25	66 66 64	61 64 64 64	Average July 1889	10 10 10 10	· 2 1 1	M M M	1.89½ 1.50 2.20 2.25	44	16 16 18
A =======	10	1	M	2, 30	44	44		10	1	М	2.30	44	
Average	10	7	M	1.761	66	44	Average	10	5 İ	M	1, 95	4.6	14

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

SECOND HANDS-Concluded;

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
Jan. 1890	10 10 10 10 10 10	1 1 1 1 1	M M M M M	\$1, 25 1, 50 2, 00 2, 25 2, 30 3, 25	per	day.	Jan. 1891	10 10 10 10 10 10	1 1 1 1 1	M M M M M	\$1. 25 1. 50 2. 00 2. 25 2. 50 3. 25	per	day.
Average	10	6	M	2.09	11	44	Average	10	6	M	2, 12½	6.6	4.6
July 1890	10 10 10 10 10 10	1 1 1 1 1	M M M M M M	1, 25 1, 50 2, 00 2, 25 2, 50 3, 25	66 66 66 66	44 44 44 46	July 1891	10 10 10 10 10 10	1 1 1 1 1 1	M M M M M	1. 25 1. 50 2. 00 2. 25 2. 50 3. 25	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	6 6 6 6 6 6 6 6 6 6 6 6
Average	10	6	М	2. 12	- 44	**	Average	10	6	м	2. 12½		44

SECTION HANDS.

Jan. 1842 July 1842 Jan. 1843 July 1843	14 14 14 14	1 1 1	M M M M	. 85 . 85 . 85	per	day.	July 1856	12 12 12 12	1 1 1 4	M M M M	1.00 1.12 1.25 1.42	per "	day.
Jan. 1844 July 1844 Jan. 1845 July 1845	14 14 14 14	1 1 1	M M M M	.71 .71 .80	11	61 64 66	Average	12	7	M-	1. 291	* *	11 '
Jan. 1847	14 14	1 1	M	.70	16	66	Jan. 1857	12	1 5 6	M M M	1.00	44	66
Average	14	2	М	. 85	66	44	Average July 1857	12	1	M	1. 35		"
July 1847	14 14	1 1	M M	. 70 1. 00	66	44	Average	12	9 4	<u>М</u> М	1. 42		66
Average	14	2	М	. 85	44	44					_		
Jan. 1848	14 14	1 1	M M	1.00 1.12	6.6	4.5	Jan. 1858	12 12	1 2	M	1, 08 1. 42	44	44
Average	14	2	M	1.06	"	44	Average	12	3	M	1.301	44	4.4
July 1848	14 14 14	1 1 1	M M M	. 70 . 83 1. 00	. 66 . 66 . 66	6 6 6 6 6 6	July 1858	12 12	1	M M	1.08 1.42	11	44
A	14	1	M	1. 25		66	Average	12	2	M	1.25	••	"
Average Jan. 1849	14	. 4	М	. 94½	44	41	Jan. 1859	12 12	1	M M	1. 25 1. 42	**	**
	14 14	1	M M	1.00 1.12	14	66	Average	12	2	M	1.331	"	**
Average	14	3	М	. 94	44	••	July 1859	12 12	1	M M	1.25 1.42	66	"
Jan. 1850 July 1850	14 14	1 1	M	. 83 1, 12	14	46	Average	12	2	M	1.331	41	64
Jan. 1851	14 14	1 1	M M	1. 17 1. 25	44	. 44	Jan. 1860	12 12 12	1 1 1	M M M	1.00 1.25 1.33	64 64	66 66
Av erage	14	2	м	1.21	**	44		12	î	M	1.42	* *	44
July 1851	14	1	M	1. 17	44	46	Average	12	4	М	1.25	ιι	**
Jan. 1856	12 12 12	1 2 4	M M M	1. 08 1. 12 1. 42	11	44 44 44	July 1860	.12 .12 .12	1 1 2	M M M	1.00 1.25 1.42	66	66 66
Average	12	7	M	1.281	"	4.6	Average	12	4	М	1. 27	66	64

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued. SECTION HANDS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of	wages.
Jan. 1861	11 11 11	1 1 2	M M M	\$1.17 1.33 1.42	per	day.	July 1868	11 11 11 11	2 1 2 2	M M M	\$1.67 1.70 1.75 1.83	per	day.
Average	11	4	м	1. 331	14	64		11	3	M	2.00	**	44
July 1861	11 11	1 3	M M	1.17 1.42	44	64	Average	11	10	M	1.82	61	**
Average	11	4	М	1. 35½	4.6	44	Jan. 1869	11 11	2 1	M	1.67 1.70	66	64
Jan. 1862 July 1862	11 11	1	M M	1.33 1.33	44	44		. 11	2 2 2	M M M	1.75 1.83 2.00	64 64	66 66
Jan. 1864	11	1	М.	1.00	"	66	Average	11	9		1.80	11	44
	11 11	2 2	M	1.25 1.33	44	44		:		_	1.00		
	11	2	M	1.67	4.6	66	July 1869	11 11	3 1	M	1.67 1.70	46	66 66
A.verage	11	7	M	1. 351	"	44		. 11	1	\mathbf{M}	1.75	64	6.6
July 1864	11	1	M	1.00	4.6	44		11 1	1 3	M M	1.83 2.00	44	64
	11	$\frac{2}{2}$	M	1. 25 1. 33	66	64	Average	11	9	M	1.81	6.6	44
	11	2	M	1. 67	* *	44					1.01		
Average	11	7	M	1. 351	44	**	Jan. 1870	11	1 2	M	1. 67 1. 75	**	"
Jan. 1865	11 11	1	M	1. 25 1. 50	44	64	Average	11	3	M	$1.72\frac{1}{2}$		14
	11 11	1 2	M	1. 67 1. 75	44	64	July 1870	11	1	м	1. 67	45	44
Average	11	5	М,	1.581	44	"	0 443 2010	11 11	1	M M	1. 75 2. 00	66	**
July 1865	11 11	2 1	M M	1.50 1.91	64 65	44	Average	11	3	М	1.80½	4.	44
Average	11	9	М	1. 631	14	.4	Jan. 1872	11 11	1	M M	1, 33 1, 42	66	44
Jan. 1866	11 11	1 2	М	1.33	44	44		11 11	1	M	1. 67 1. 83	66	44
	11	i	M M	1.50 1.75	64	**	Average	11	4	M	1. 561		44
A.verage	11	4	M	1. 52	"	4.6		11	1	M i	1. 33	.,	44
July 1866	11 11	2	M	1.08	66	66	July 1872	11	1	M	1.42	44	44
	11	1 2	M M	1.54 1.75	**	44		11	1	M	1.67 1.83	"	44
Average	11	5	м	1.44	44	66	Average	11	4	М	1.56	**	44
Jan. 1867	11 11	1	M M	1.33 1.54	**	44	Jan. 1873	11	1	M	1.00	64	44
	11 11	1	M M	1. 75 1. 83	44	44		11 11 11	1 1	M M M	1. 68 1. 60 1. 67	44	44
Average	11	4	M	1. 61 1	**	64	Average	11	4	м	1.331	6.6	44
July 1867	11	1	M	1.08	44	"	July 1873	11	1	м	1.00	4.4	44
	11 11	$\frac{1}{2}$	M. M	1.33 1.58	44	46		11	1 1	M M	1.08 1.60	64	16
	11 11	1 1	M M	1.67 1.75	44	66		11	î	м	1. 67	14	64
	11	1	M	2, 00	64	64	Average	11	4	M	1. 33½	44	66
Average	11	7	М	1.57	44	66	Jan. 1874 July1874	11 11	1	M M	1, 50 1, 50	66 66	44
Jan. 1868	11 11	1	M	1.50 1.58	44	66	Jan. 1875	10	1	_ м	1.50	44	44
	11 11	2	M	1.67	44	64	J &H. 1015	10	i	M	2.00	44	64
	ii	2	M	1.70 2.00	44	**	Average	10	2	M	1. 75	44	4+
Average	11	7	М	1.73	6.6	66	July 1875	10	1	м	2.00	44	#4

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

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Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1876	10 10	1 1	M M	\$1.70 2.00	per	day.	Jan. 1882- cone'd.	10 10	. 1	M M	\$1.75 2.25	per	day.
Average	10	2	М	1.85	4.6	44	Average	10 %	10	M	1.561	4.6	4.6
July 1876	10 10	1 1	M M	1.70 2,00	44	**	July 1882	10 10 10	2 4 2	M M M	1.35 1.50 1.60		66 66
Average	10	2	М	1.85	**	4.6		10: 10:	. 1	M	1 75 2. 25	**	11
Jan. 1877	10 10	1 1	M M	1.50 2.00	44	44	Average	10;	10	M	1. 59		***
Average	10	5	M	1.75	44	14	Jan. 1883	10. 10. 10	1 1	M M M	1.00 1.20 1.40	44	16
July 1877	10 10	1 1	M M	1.50 2.00	44	44		10-	5	M	1. 50		
Average	10	2	M	1, 75	4.6	44	Average	10	1	м	1.00		4.6
Jan. 1878	10 10	1 1	M M	1.50 2.00	41	66	July 1883	10 10 10	1 1 3	M M M	1. 20 1. 40 1. 50	64	44
Average	10	2	M	1.75	44	4.6	Average	10	6	м	1.35		44
J uly 1878	10 10	1 1	M M	1.50 2.00	44	44	Jan. 1884	10 10 10	1 1	M M	1.10		
Average	10	2	М	1.75	8.6	44	Average		2	M	1.30		4.6
Jan. 1879	10 10 10	2 2 1	M M M	1.30 1.50 2.00	64 64	66 66	July 1884	10, 10,	1 1	M	1. 10	**	**
Average	-	5	M	1.52		44	Average	10	2	M	1. 30	£ £	14
July 1879	10 10	2	M M	1. 30 1. 50	44	44	Jan. 1885	10 10	2 1	M M	1. 10 1. 50	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	44
	10 10	1 1	M	1.75 2.00	41	**	Average	10.	3	м	1. 231		44
Average		5	М	1.57	**	**	July 1885	10° 10	2	M M	1.10 1.50	**	"
Jan. 1880	10 10	2 2	M M	1.30 1.75	44	66	Average	10	3	M	1.231	"	44
Average	10	· 4	М	1.52	**	**	Jan. 1886	10 10	2	M M	1. 10 1. 40	11	44
July 1880	10 10 10	1 1	M M M	1.30 1.40 1.50	66	44 64 44	Average	10	Î 4	M	1.55		**
₹,	10	2	M	1. 75	**	6.1	July 1886	10	2	M	1.10	4.6	44
Average	10	5	M	1.54	**	**	July 1000	10	1	M	1.40 1.55	44	44
Jan. 1881	10 10	2 1 2	M	1. 20 1. 35	14	66 66	Average		4	м	1. 284	"	44
	10 10 10	3 1	M M M	1.40 1.50 2.00	64	44	Jan. 1887	10 10	1	M	1. 25 1. 45	16	44
Average	10	9	м	1.45	. 44	84		10	1	M	1.50		
July 1881	10	2	M	1. 20	**	44	Average	l .	3	M	1.40	"	44
	10 10 10 10	1 2 3 1	M M M M	1.35 1.40 1.50 2.00	44 44 44	66 66	July 1887	10 10 10	2 1 1	M M M	1. 25 1. 45 1. 50		**
Average		9	M	1.45	. ,,	44	Average		4	М	1.36	•	66
Jan. 1882	10 10	1 1	M M	1. 20 1. 35	44	44	Jan. 1888	10 10 10	2 1 1	M M M	1. 25 1. 60 1. 75	64	44 44 64
	10 10	5	M	1.50 1.60	46	44	Average	10	4	M	1.46	. "	••

GOTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued, SECTION HANDS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	vages,
July 1888	10- 10- 10- 10-	1 1 1	M M M M	\$1.25 1.40 1.60 1.75	per	day.	July 1890	10 10 10 10	1 1 2 1	M M M M	\$1.05 1.20 1.25 2.00	per	day.
Average	10	4	M	1.50	64	**	Average	10	5	M	1. 35	44	14
Jan. 1889	10 10 10	1 2 1	M M M	1.00 1.25 1.75	46	66 66	Jan. 1891	10 10 10 10	1 1 1 3	M M M M	1. 10 - 1. 25 1. 33 1. 50	4.6 4.5 4.6	41 66 66
Average	10	4	M	1.313	11	41		10 10	1 1	M	1.60 1.83	11	4.6
July 1889	10 10	1 1	M	1.00 1.05	44	44		10	I	M	2.00	4.6	41
	10	2	M	1. 25 1. 75	14	66 65	Average	10	9	M	1.51	**	64
Average	10	5	<u>M</u>	1. 26	6.8	44	July 1891	10 10 10	1 1 1	M M M	1.10 1.25 1.33	11	66 66
Jan. 1890	10 10	1	M	$1.05 \\ 1.20$	6 t	44		10 10	3 1	M	1.50 1.60	**	66
	10 10	$\begin{array}{c} 1 \\ 2 \\ 1 \end{array}$	M M	1. 25 1. 75	44	44		10 10	1 1	M M	1.83 2.00	c i	44
Average	10	5	м	1.30		41	Average	10	9	M	1.51	**	"

SPEEDERS.

Jan. 1840	14 14 14 14 14 14 14	1 M 1 F 1 M 3 F 1 F	.42 per day, .43 " " .44 " " .48 " " .50 " " .52 " "	Jan. 1843	14 14 14 14 14 14 14	1 2 1 1 1 2 1	F F M F M F	.42 per day43 " " .44 " " .46 " " .48 " " .48 " "
Average	14	9	.48 " "	Average	14	9		.451 " "
July 1841	14 14 14 14 14 14 14	1 M 1 F 1 F 1 F 1 M 1 F	.40 " "	July 1843	14 14 14 14 14	1 1 1 2	F M F F	.42 " " .47 " " .48 " " .50 " "
	14	1 F	.50 11 11	Average	, 14	C		.471 " "
	14 14	2 F 1 F	.56 " "	Jan. 1844	14 14	3	F	.42 " "
Average	14	11 '	. 471 11 11		14 14	1	M F	.46 " "
Jan. 1842	14 14 14 14	1 F 1 F 1 F 1 M	.42 " "	Average	14	9	M	.56 " "
,	14 14 14 14 14	2 F 1 M 2 F 1 F	.48 " " .50 " " .52 " " .52 " " .52 " " " .56 " " "	July 1844	14 14 14 14 14	2 2 1 1	F F M F	.38 " " " .42 " " " .44 " " " " " " " " " " " " " " "
Average	14	11	.49 " "		14 14	2 3	M F	.48 " "
July 1842	14 14 14 14 14	1 F 1 M 1 F 2 F	.42 44 44 44 48 44 44 48 44 44 44 44 44 44	Average Jan. 1845	14	13	<u>м</u> 	.45\frac{1}{2} " "
	14	1 M i F	.52 ** **	0 an. 10%	14 14 14	5 2 1	F	.42
Average	14]	8 1	.481 " "	Ji .	14	î	M	.48 " "

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETIS—Continued.

SPEEDERS-Continued.

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Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wадея.
Jan. 1845- conc'd.	14 14* 	- 1 12	F M	\$0.48 .56	per "	day.	Jan. 1849– conc'd.	14 14 14 14	. 1 1 . 5	M M F	\$0.50 .52 .52 .54	Per u	day.
July 1845	14 14 14	5 1 2	F F M	. 42 . 46 . 48	6.6 6.6	" " " " " " " " " " " " " " " " " " "	Average	14 14 14	1 1 18	F M	58 . 60	**	14
	14 14	1	F M	.50	**	86	July 1849	14	1	F	. 46	11	16
Average	14	10		. 46	64	44		14 14 14	$\begin{array}{ccc} & & 1 \\ & & 2 \\ & & 1 \end{array}$	M F F	.48 .4×	11	; i
Jan. 1846	14 14 14 14	3 5 1	F M F	.42 .46 .48	46 46	66 66 61		14 14	1	F	.50 .52 .54	66	**
Average	14	10		. 45		6.6	Average	14	10		. 50		4.0
July 1846	14 14 14 14 14 14	3 3 1 1 1 1	F M F M	. 42 . 45 . 46 . 46 . 48 . 48	66 66 66	44 44 44 44	Jan. 1850	14 14 14 14 14 14 14	1 2 1 2 4 1	F F F F M M	.46 .48 .50 .52 .54 .56	64 66 64 66 66	64 64 64 65 66
	14 .14	1 2	F	. 50	11	41	Average	14	12		. 52	6.6	t r
Average	14	13		. 461	44	4.6	July 1850	14	1	М	.46	4.6	66
Jan. 1847	14 14 14 14 14 14	2 1 2 3 1 1	F F F M F	. 42 . 46 . 48 . 50 . 54 . 54	44 44 44	41 ,		14 14 14 14 14 14	1 4 1 2 2 3	F M F F	. 46 . 48 . 50 . 50 . 52 . 54	11	11 11 11
	14	i	M	.56	44	4.6	Average	14	14		. 50	6.6	4.6
Average		11		. 49	6.6	44	Jan. 1851	14 14	1	F M	. 46	44	46
July 1847	14 14 14	1 1 2	F F F	.46	66	44 44	Average	14	11	F	. 491		44
	14 14 14 14 14 14	1 1 1 1 1	FFFMF	.50 .52 .54 .56	44 44 44 44	44 46 14 14	July 1851	14 14 14 14	1 3 2 1	FF	. 42 . 46 . 48 . 50	1 6 6 6 6 5	66 66 66
Average	14	12		.501	44	**		14	8	F	.50	44	
Jan. 1848	14 14 14	6 2 2	F M F	.48 .50 .50	11	"	Average Jan. 1852	12 12	15 1 5	F	. 48½ . 42 . 46	14	44
	14 14	$\begin{bmatrix} 1\\2\\1\end{bmatrix}$	F	.52	4.6 4.6	66 66		12 12	1 12	M F	.50	4.4	
	14 14	1	M	. 58	44	64	Average	12	19		. 481	4.6	44
Average	14	15		. 51 ½	14	**	July 1852	12 12	1 9	F	. 45	44	4.6
July 1848	14 14	1 2	F	.47	66	64 66	Average	12	10	F	. 495	44	**
	14 14 14 14	1 1 2 5	F F F	.50 .50 .52	64 16 66	66	Jan. 1853	12 12 12	1 3 1	F F	. 46 . 50 . 58-	44 44	6 6 6 6
	14 14	1 2	F M	.58	66	64	Average	12	5	F	. 51	66	**
Average	14	15	ria.	. 53	"	44	July 1853	12 12	1 3	F	. 46 . 50 . 58	46 14 66	66 68
Jan. 1849	14 14 14	2 1 2	F F	.46 .47 .48	44	44	Average	12	5	F	. 51	44	AC

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

SPEEDERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroli of—	Hours per day.	Different employés.	Sex.	Rate	of	wage
Jan. 1854	12 12 12	1 7 1	FFF	\$0.46 .50 .58	pe	r day.	July 1858	12 12 12 12	1 1 1 3	F M F M	\$0,44 .48 .48	66	r day.
Average	12	9	F	. 50½		"	1	12 12	8	F	.50	**	61
July 1854	12 12 12	1 5 1	F F	. 46 . 50 . 54	46	"	Average Jan. 1859	12 12	17	м	. 50	14	44
Average	12	7	F	. 50	6.6	4.4	0 all. 1639	12 12	2 5	F	.48	44	"
Jan. 1855	12 12 12	1 1 4	M F F	.50 .50 .54	16 18	66 66		12 12 12 12 12	1 3 1	F M F F	. 50 . 52 . 52	64 64 64	66 66
Average	12	6		. 521	6.6	66	1				. 54	**	
July 1 855	12	1	M	. 46	44	44	Average		17		. 50		66
	12 12 12 12 12 12 12	6 2 8 2 1 6	F M F M F	. 46 . 50 . 50 . 52 . 54 . 54	11 16 16 16	46	July 1859	12 12 12 12 12 12 12	1 2 5 4 1 3	MEMEMEE	. 46 . 48 . 50 . 50 . 52 . 52 . 54	66 66 66 11	66 66 66 46 46
Average	12	26		. 50		66	Average	12	17		. 50	**	66
Jan. 1856	12 12 12 12	5 1 2 11	F M F	. 46 . 50 . 54 . 54	64 64	44 44 44	Jan. 1860	12 12 12 12	1 1 1	F M F M	. 42 . 46 . 18	11 11 11	44 44
Average	12	19		. 51½	4.6	"		12 12	3	F M	. 50 . 52	14	66
July 1856	12 12 12 12 12 12	1 6 1 4 5	M F M F M	.46 .46 .48 .50 .50	14 14 14 14	66 66 66	Average	12 12 12 12 12	1 1 1 1 1	F M F F	.52 .54 .54 .56	44 44 44	16
	12	8	F	. 54	44	44	July 1860	12	1	F	.42		11
Average Jan. 1857	12 12 12 12 12 12 12 12 12 12	26 1 2 1 4 1 4	F F M F M F M F M F	.50 .42 .46 .50 .50 .52 .52 .54	44 44 44 44 44 44	46 * 84 * 82 * 86 * 88 * 86 * 86 * 86		12 12 12 12 12 12 12 12 12 12	1 1 2 2 1 2 1 1	M F M F M F F F	. 46 . 48 . 50 . 50 . 52 . 52 . 54 . 54	66 65 66 66 66	6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
	12 12	1	F. M	. 56	66	44	Average	12	13		. 50½	4.6	4.6
Average	12	22	,	. 511	44	**	Jan. 1861	11 11 11	2 1 2	M M F	. 46 . 48 . 50	**	**
July 1857	12 12 12 12 12 12	1 3 2 5 1	F M F	. 46 . 48 . 50 . 50	64 64 64	64 64 64 64	Average	11 11 11	10	F F	.52 .54 .54	"	11
	12	2	F	. 54	44	44	July 1861	11	2	м	. 46	64	44
Average	12	14		. 50	**	44		11 11	1	M F	. 48 . 50	44	46
Jan. 1858	12 12 12 12	1 3 1 3 7	M F M	. 46 . 46 . 48 . 50	64 66 66	46 46 46		11 11 11	1 1 4	F M F	. 52 . 54 . 54	11	46
	12 12	7 2	\mathbf{F}	$.50 \\ .52$	44	1 6 1 6	Average	11	10		, 51	44	44
▲verage	12	17		. 49	44	44	Jan. 1862	11 11	$\frac{2}{1}$	М F	. 46 . 48	44	44

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued. SPEEDERS Continued.

							7				1		
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.
Jan. 1862- cone'd.	11 11 11 11	1 1 1 4	M F M F	\$0.50 .52 .54 .54	per e	day.	Jan. 1869	11 11 11	1 2 2	F F	\$0.75 .80 .85	per "	day.
A.verage	11	10		. 51	64	44	.A.verage	11	, 5	F	.81	4.1	44
July 1862	11 11	1 1	M F	. 48	44	44	July 1869	11 11 11	. 3 1	F F	.75 .80 .85	64 64	6 6 6 6
Average	11	2		.49	**	65	Average	11	5	F	. 80	6.6	44
Jan. 1863	11 11	1 1	M F	. 44	44	14 14	Jan. 1870	11 11 11	2 1 2	F F	.75 .80 .85	11	66 66
Average	11	2		. 47	44	44	Average		5	F	.80	44	64
Jan. 1864	11 11 11 11	1 2 2 1 2	FFFF	.50 .65 .70 .75	66 66 66	66 64 64	July 1870	11 11 11	1 3 1	F F	.75 .80 .85	6 6 6 6 6 4	44 44
	11	2	F	. 85	4.6	44	Average	11	. 5	F	. 80	4.6	**
Average		10	F	. 721	14	44	Jan. 1871	11 11	1 4	F	. 80 . 85	44	"
July 1864	11 11 11	1 2 5	F	.70 .75	66	14	Average	11	5	F	. 84	4.6	44
^Average		8	F	. 771	41	44	July 1871	11 11	1 3	F	.85	11	66 66 68
Jan. 1865	11 11	1 4	F	.70	14	44	Avorage	11	, <u>1</u>	F	. 95		46
	11 11 11	1 1 1	F	.78 .80 .85	44 44	44	Average Jan. 1872	11 11	3 2	F	.85	"	6.6 6.6
Average	11	8	F	. 761	64	44	Average	11	. 5	F	. 87		44
July 1865	11 11	2 6	F	.75 .80	44	44	July 1872	11 11 11	3 1 1	F F	. 85 . 90 . 95	6 6 6 4 6 4	61 61 64
Average	11	8	F	. 781	44	**	Average		5	F	.88		44
Jan. 1866	11 11	3 5	F	. 75	44	44	Jan. 1873	11 11	3 1	F	.75 .80	44	11
Average	1	8	F	. 78	66	**		11	1	F	.90		44
July 1866	111	2 4 2	F	. 75 . 80 . 85	66	64 64	Average July 1873	11 11	5 2	F	.79	44	44
Average		8	F	. 80	44	44		111	1 2	F	. 75 . 80	"	11
Jan. 1867	11 11	1 4	F	. 75	11	44	Average	11	5	F	. 75	44	46
Average	-11	8	F	. 85		66	Jan. 1874	11 11 11	1 2 I	F	. 65 . 70 . 75	14	6 6 6 6
July 1867	11	5	F	.80	44	46		11	1	F	. 85	- "	"
	11	3	F	. 85	. 44	"	Average		5	F	.73	11	44
Average	1	8	F	. 82	44	44	July 1874	11	2 2 1	F	.65 .70 .80	66	44
Jan. 1868	11 11 11	1 3 1	F	. 75 . 80 . 85	"	11	Average	11	5	F	.70	45	**
Average	-11	5	F	. 80	**	44	Jan. 1875	10 10	1 1	F	. 50	66	46
July 1868	11 11	2 3	F	. 80 . 85	44	46		10 10	1 2	F	. 65	"	44
Average	.11	5	F	. 83	44	44	Average	10	1 5	F	.65	44	44

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

SPEEDERS -Continued.

				1									
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of	wages.
July 1875	10 10 10 10 10	1 1 1 1	FFF	\$0.50 .60 .65 .70 .80	per "	day.	Jan. 1881.	10 10 10 10 10 10	1 1 2 1 1	M F M M	\$0.50 .60 .60 .62 .65	per	day.
Average	10	5	F	. 65	4.6	44	Averagė		7		. 61	64	78
Jan. 1876	10 10 10	2 1 2	F	. 60 . 70 . 75	44 44	44 44 44	July 1881	10 10 10	1 1 2 1	M M F	. 50 . 60 . 60	66	44 44 44
Average	10	5	F	. 68	44	44		10	1 1	M M F	. 62 . 65	**	**
July 1876	10 10 10 10	1 1 1 1	FFF	.65 .70 .75	44 64 66	64 64 61	Average Jan. 1882.	10	7	F	. 61		
Average		, 4	F	.721		44	Jan. 1662.	10 10 10 10	3 1 2	M M F	. 55 . 60 . 65 . 65	64	11
Jan. 1877	10 10 10	1 2 1	F F	. 60 . 65 . 70	£6 66	4 6 6 6 6 4	Average	- u	7		. 611	15	44
Average		4	F	. 65		"	July 1882	. 10 10 10 10	2 2 2 1	F M M F	. 55 . 60 . 65 . 65	44 44	44 44 44
July 1877	10 10	2 2	F	. 60 . 65		**	Average	10	7		. 601	44	
Average	10	4	F	. 624	46	44	Jan. 1883	10 10	1 3	M F	. 55 . 55	11	44
Jan. 1878	10 10	2 2	F	. 60 . 65	11	44		10 10	2	F	. 60		46
Average	10	4	F	. 62½	44	**	Average	10	- 7		. 58	61	41
July 1878	10 10	3 1	F F	. 60	14	44	July 1883	10 10 10 10	1 3 2 1	M F F	. 55 . 55 . 60 . 65	11 11	66 64
Average	10	4	F	. 62 <u>1</u>	64	44	Average	10	7	_	. 58	"	44
Jan. 1879	10 10 10 10	1 1 2 1	M F M F	. 60 . 60 . 65 . 65	6.6 6.6 6.6	66 66	Jan. 1884	10 10	4 1	F E	. 65 . 75	44	44
	10 10	1	M F	.75 .75	44	44	Average	- 10	5	F	. 67	41	46
Average	10	7		. 661	££	44	July 1884	10 10 10	1 3 1	F	. 65 . 70 . 80	£ £ £ £ £	14
July 1879	10 10 10	1 2	F M	. 60	66 66	44 44	Average.	10	5	F	.71	44	44
	10 10	1 2 1	M F	. 65 . 70 . 70	14	44	Jan. 1885	10 10 10	2 1 1	F F	.50 .60	11 11 11	44
Average	10	7		. 66½	66	44		10	2	F	. 75 . 80	11	46
Jan. 1880	10 10 10 10	1 1 2 2	M F M F	. 60 . 60 . 65	46	66 46 46	Average	10	7 2	F F	. 65½	11	16 64
	10-	1	F	.70	44	66	July 1885	10 10	1 3	F	. 60 . 75	44	11 ·
Average July 1880	10	7		. 641	44	11		10	1	F	. 85	46	16
Am3 1000	10 10 10 10 10	1 1 2 2	M F M F	. 55 . 60 . 60 . 65	66 66 66	66 66 66	Average Jan. 1886	10 10 10	7 1 3	F F	. 67 . 65 . 70	16	46 46 46
Average			10	. 65	44	44	Avores	10		F	.85		16
		• •		04	-		Average	10 1	5 ļ	70, 1	. 12		

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued. SPEEDERS—Concluded.

Payroll of—	Hours per day	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1886	10 10 10	. 2 2 1	F	\$0.65 .70	per	day.	Jan. 1889	10 10	. <u>5</u>	F	\$0.70 .80	per	day.
Average		5	F	.70		44	Average July 1889	10 10	10	F	.71	66	
Jan. 1887	10 10 10	3 2 4	FF	. 55 . 60 . 70	"	66 64		10 10	5 1	F	.75	44	"
	10	1	F	.75	4.5	44	Jan. 1890	10	10	F	.731	4.6	16
Average		10	F	. 64	44	64	F 211. 1030	10 10	2	F	.70	41	6 6 6 6
July 1887	10 10 10 10	3 1 1 4	FFF	. 55 . 60 . 65	66 66	66 66 66	Average	10	5	F	.71	-	
	10	10	F	. 75		"	July 1890	10 10 10	1 1 2 1	F	. 60 . 70 . 75	11	44
' Average Jan. 1888	-10 10	3	F	. 64 2	44	"		10	1	F	. 85		64
<i>6 411.</i> 1000	10 10	1 4	F	. 65	66	£ £	Average	1	5	F	. 73	**	
Average	10	10	F	. 75		**	Jan. 1891	10	1 3	F	. 80		
July 1888	10	1	F	. 60	6.6	44	Average	1	4	F	. 831	44	
-	10 10 10	3 1 5	F	. 65 . 70 . 75	16	44	July 1891	10 10 10	1 2 1	F F	. 80 . 85 . 90	44	6 6 6 6
Average	10	10	F	. 70	64	41	Average	10	4	F	. 85		\$ 6

SPINNERS, FRAME.

July 1859 Jan. 1864	12 11	1	M	. 96	per "	day.	July 1866 cone'd.	11 11	1 2 2	F F	.75 .83 .92	per	day.
naπ. 100#	ii	9	F	.75	"	44		11	• 1	F	1.00 1.25	44	. 44
Average	11	10		. 713	64	44	Average	11	22		. 74	16	4.6
July 1864	.11 11	1 2	M F	. 40	66	66	Jan. 1867	11	1	M	. 55	**	44
	11	1	F	. 80	6.6	6.6	1	11	10	F	. 55	4.6	44
	11	7	F	. 83	6.4	6.6	! }	11	8	F	. 67	6.6	4.4
							l)	11	1	\mathbf{F}	1.00	6.6	4.6
Average		11		. 77 <u>‡</u>		44	Average	11	20		. 62	"	**
Jan. 1865	11	1 5 7	F	. 50	44	44	T-10- 1067	11	1	M	.46	6.6	. 6
	11	5	F F	. 75 . 83	6.6	46	July 1867	11	9	F	, 46	4.6	16
	11	1 · 1	Ŀ	. 83				111	4	F	.50	4.6	4.6
A	1.1	13	F	. 771	66	4.6		111	1 4	F	.58		6.6
Average	11	10	F	. //2			1	1 11	1 7	Î	. 67	4.6	4.6.
July 1865	11	1	F	.50	64	44	1						
0 113 1000	11	3	F	. 58	4.6	6.6	Average	e 11	25		. 541	4.6	4.6
	11	Ī	F	. 67	4.4	14	0			l	_		
	11	1 3 1 -3 8	F	. 75	64	4.6	Jan. 1868	11	1	F	. 50	4.6	44
	11	8	F.	. 83	4.6	64	ll .	11	1	F	. 54	16	44
			ļ——				l	11	1	F	.58	44	44
Average	11	16	F	. 73	66	44		11	$\begin{smallmatrix}1\\2\\1\end{smallmatrix}$	F	. 60	66	66
_					44	44		11	1 1	F	.67	. 6	6.6
Jan. 1866	11	6	F	. 55	44	64	ji	11	1	F	.00		
	11	7	F	. 75	44	44	Average	11	7	F	. 591	4.6	44
	11	1 2	M	1.00 1.00	44	66	Average	9 11	'	1.			
	-11	2	F	1.00			July 1868	11	2	F	. 54	66	4.4
Average	11	16		. 72	44	44	N S diy 1000	111	2 1 4 2 3	M	. 58	6.6	4.6
A voi age	11	10	1					11	4	F	. 58	6-6	44
July 1866	11	1	M	. 55	4.6	4.6		11	2	F	. 60	4.6	44
2 2 2000	ii	1 7	F	. 55	64	44	Ц	11	1 3	F	.67	66	44

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued. SPINNERS, FRAME—Continued.

Payroll of	Hours per day.	Different employés.	Sex.	Rate	of ·	wages.	Payroll of—	Hours per day.	Different employés	Sex.	Rate	e of	wages.
July 1868- conc'd.	11 11 11 11	2 1 7	F M F M	\$0.70 .83 .83 1.00	per	day.	July 1871- conc'd.	11 11 11	I 8	F	\$0.90 1.00	per	day.
Average	11	25	F	.73		**	Jan. 1872,	11 11	1 4	F	.40	"	"
Jan. 1869	11 11 11 11 11 11 11	2 1 4 2 2 3 2 1	F M F F F M F	. 54 . 58 . 58 . 67 . 70 . 83 1. 00 1. 04	46	11 12 14 14 15 16 16		11 11 11 11 11 11 11	3 2 2 1 3 1 1 1 3 2 2 3 2 3 3 3 3 3 3 3	14444444	.58 .67 .75 .76 .80 .83 .90	66 66 66 66 66	44 44 44 44 44 44 44 44
Average	11	17		. 72	**	66		11 11 11	7 1 1	F F	1.00 1.08 1.20	44	11
July 1869	11 11 11	1 4 2	M F F	.58 .58 .60	66 66	64 66	Average	11	32	F	1. 25	66	44
	11 11 11 11 11 11	1 1 1 3 1 1 1	FFFFMFMF	. 67 . 70 . 73 . 83 1. 00 1. 00 1. 04 1. 04	66	66 66 64 64 64	July 1872	11 11 11 11 11 11	1 4 3 2 2 1	FEFFFFF	.40 .50 .58 .67 .75 .76	"	46 41 46 44 46 46
Average	11	17		. 73	•	4.6		11 11 11	1	F	.83	11	44 64
Jān. 1870	11 11 11 11	4 1 1 1	F F F F	.50 .58 .60 .64	## ## ##	44 41 44 45		11 11 11 11 11	1 1 8 8 1 1	F F F F	. 95 1. 00 1. 08 1. 20 1. 25	:: ::	46 18 46 46
ĺ	11 11	1 5.	F	. 73 . 75	44	46	Average	11	32	F	. 82		4.0
	11 11 11 11	1 3 1 1 14	M F M M	. 83 . 83 . 94 1. 00 1. 00	44 44 44	66 66 66	Jan. 1873	11 11 11	1 17 1	F F	. 80 1. 00 1. 25	44	11
Average	11	34		. 83	64	44	Average July 1873	11	19	F	1. 00½ . 80	"	
July 1870	11 11	1 3	F	. 50	61	14	0 tily 1815	11	17 1	F F	1. 00 1. 25	66	**
	11 11 11	1 1	F	. 60 . 64	66 66	44	Average	11	19	F	1.001	"	16
	11 11 11 11	2 1 4 2 1	F F F M F	. 67 . 73 . 75 . 83 1. 00 1. 00	44 44	4.6 4.6 4.6 4.6	Jan. 1874	11 11 11 11 11	2 4 1 10 9	F M F	.50 .60 .80 .80	66	66 66 68
	11	1	F	1.04	44	44	Average	11	26		. 81 1	64	11
Average Jan. 1871	11 11 11 11 11	28 6 1 2 3	FFFF	. 83 . 50 . 67 . 75 . 83	66 66	44 84 64 64	July 1874	11 11 11 11 11	2 4 1 10 9	F M F F	.50 .60 .80 .80 1.00	66 66 66	14 14 14 15
	11	1 8	F	. 90 1. 00	"	::	Average	11	26		. 811	61	44
Average July 1871	11 11 11	21 6 1	F F	.79 .50 .67	44	44 44	Jan. 1875	10 10 10 10 10	1 7 8	F M F	.60 .70 .80 .80	16	66 64
ł	빏	2	L.	. 75 . 83	44	**	Average	10	22		. 821	*	•

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

SPINNERS, FRAME—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wage
July 1875	10 10 10 10	4 2 1 7	F M F	\$0.60 .70 .80 .80	11	day.	July 1881	10 10 10 10	13 1 9 2	F F F	\$0.70 .80 .90 1.00	per	day,
	10	8	F	1.00	44	"	Average	10	25	F	. 80	66	66
Average	10	22		. 82 ½	"	:	Jan. 1882	10	12	F	.70	11	46
Jan. 1876	10 10 10 10 10	2 15 1 3 2	F M F	. 50 . 60 . 65 . 65 . 80	11	66	A	10 10 10	10 2 27	F F	.80 .90 1.00	**	11
A	10	23	-	. 613		1.4	Average July 1882	10	11	F	.70		
Average July 1876	10 10	2 15	F	.50	**	64 41	5 uly 1862	10 10 10 10	3 8 1	F	.80 .90 1.00	44	44 44
	10 10 10	1 4 1	M F F	. 65 . 65 . 80	14	**	Average	10	23	F	. 79½	**	"
Average	10	23		. 61	44	**	Jan. 1883	10 10 10	6 9	F	.80	6.6	14
Jan. 1877	10 10 10	2 1 14	F M F	.50	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	16 18 18	Average	10	25	F	. 79½	44	
Average	10	27	F	. 65		41	July 1883	10 10 10 10	9 6 1 11	F	.70 .80 .85	44	66
July 1877	10 10 10	2 1 14	F M F	. 50 . 60 . 60	11	66 66	Average	10	27	F	.81		"
Average	10	28	F	. 65 . 613		"	Jan. 1884	10 10 10 10	1 20 10 1	FFF	.70 .75 .80	66	44
Jan. 1878	10 10 10	9 1 18	F M F	. 60 . 65 . 65	61 61	66	Average	ļ.,	32	F	.77		66
Average	10	28		. 63		44	July 1884	10 10 10	$\frac{1}{22}$	F	.70 .75 .80	11	44
July 1878	10 10 10	1 23	F M F	. 60 . 65 . 65	46	64 68		10	1	F	. 85		66
Average	ļ	26		. 641		66	Average		32	F	. 763		16
Jan. 1879	10 10	1 20	M F	.70	46	14	Jan. 1885	10 10 10	26 1	F F	.70 .75 .90	11	"
Average	10	30		. 70	4.6	41	Average	10	31	F	. 75	"	4.4
J uly 1879	10 10	1 26	M F	. 70 . 70	46	44	July 1885	10 10 10	6 23 1	F F	. 70 . 75 . 90	11	11
Average	10	27		. 70	44		Average	10	30	F	. 74		4.6
Jan. 1880	10 10 10	21 1	F F	.70 .70 .80	44	**	Jan. 1886	10 10 10	5 10 1	F F	.70 .75 .90	44	6 E
Average		23		70	-	44	Average		16	F	. 74	<u>.</u> "	44
July 1880	10 10 10	22 1	F F	. 70 . 70 . 80	 	66 66	July 1886	10 10 10	5 10 1	F F F	.70 .75 .90	1 6 1 6	44 44
Average	10	24		. 70		4.6	Average		16	F	. 74	<u>.</u> "	68
Jan. 1881	10 10 10 10	12 1 9 2	F	.70 .80 .90 1.00	66 66 64		Jan. 1887	10 10 10	5 11 1	F F F	. 70 . 75 . 90	64 15	65 66 68
Average		24	F	-51	<u>.</u> "		Average		17	F	.74	1 14	**

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS-Continued.

SPINNERS, FRAME—Concluded.

												_	
Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	יוונע			Rate	of	wagos,
		-	40 70			T #600	10				40		
				per	r day.	Jan. 1890			1	. F		per	day,
			1 00						5				44
										M		66	44
10	17	F	. 751	6.4	44		10		11	F	.80	41	4.6
						į.	10		2	M	. 90	6.6	4.6
10	2	भ	70	6.6	1.6		10		1	F	. 90	6.6	6.6
		$\hat{\mathbf{F}}$		44	1.6		7.0						
10	1	F	1.00	11	4.6	Average	10		25		.79	**	16
		70		4.4	44	July 1890	10		1	E	. 70	64	66
10	17	H.	.76	**	••	3 3 1	10			M	. 75	14	44
- 1							10		3	F	. 75	4.6	6.4
	3											6 6	6.6
	11								10	F			4.6
	2					,			2				44
10	1	F.	1.00		14	1 '1							- 11
10	10	70	7.0	44			10		4	H.	. 90	**	"
10	17	r	.70		***	Arrosano	10		97		011		41
10	2	M	75	4.4	4.6	Average	10		21		.013		•
	5			16	11 "	Jon 1801	10		1	F	70	4.4	44
	11			6.6	4.6	9 aug. 1001			1	Î		4.6	44
			1, 00	64	44	i						4.6	15
]			15	F		4.4	"
10	19		. 79	6.6	46		10		3	M		4.6	6.6
- 1							10		1	F	. 90	44	44
	3												
	, 5	\mathbf{F}				Average	10		25		. 831	4.4	4.6
					- 1								
						July 1891			4				**
					,	i i			18				66
													44
10	1	T,	1.00				10			E.	. 90	••	
10	23		- 791	4.6	"	Average	10		26		. 84	11	61
	10 10 10 10 10 10 10 10 10 10 10 10 10 1	per day. Dinerent employés.	per day. Dinferent day. Sex.	per day. Different comployés. Sex. Rate 10 4 F. \$0.70 \$0.70 \$0.70 \$0.70 \$0.70 \$0.75	per day. Different employés. Sex. Rate of 10 4 F \$0.70 per day. 10 12 F 1.00 4 10 12 F 1.00 4 10 12 F 1.00 4 10 1 F 1.00 4 10 1 F 1.00 4 10 1 F 1.00 4 10 1 F 1.00 4 F 1.0 4 F 7.7 4 4 F 1.00 4 F 7.7 4 4 F 1.00 4 F 7.7 4 4 F 7.76 4 4 1.00 4 4 7.75 4 4 1.00 4 4 1.00 4 4 1.00 4 4 1.00 4 4 1.00 4 4 1.00 4 4 <td>per day. employés. Sex. Rate of wages. 10</td> <td>per day. Different day. Sex. Rate of wages. Payron of molecular day. Payron of molecular day. Jan. 1890 10 12 F 75 """ Jan. 1890 10 17 F .75 """ Average 10 14 F .75 """ Average 10 14 F .75 """ Average 10 17 F .76 """ July 1890 10 13 F .70 """ Average 10 11 F .75 """ Average 10 17 F .76 """ Average 10 17 F .76 """ Average 10 17 F .76 """ Jan. 1891 10 15 F .75 """ Average 10 15 F .75 """ Average 10 1 <</td> <td>per day. Different employés. Sex. Rate of wages. Payron of day. per day. 10 4 F \$0.70 per day. Jan. 1690 10 10 12 F .75 " Jan. 1690 10 10 17 F .75½ " Jan. 1690 10 10 17 F .75½ " Jan. 1690 10 10 17 F .75½ " Jan. 1690 10 10 14 F .75½ " Jan. 1690 10 10 17 F .75½ " Jan. 1891 10 10 17 F .76 " Jan. 1891 10 10 11 F .76 " Jan. 1891 10 10 17 F .76 " Jan. 1891 10 10 17 F .76 " Jan. 1891 10 1</td> <td> Different Sex. Rate of wages. Payroll per day. </td> <td> Different Sex. Rate of wages. Payroll per day. </td> <td> Different day. Payroll of </td> <td> Different day. Payroll of</td> <td> Different day. Payroll</td>	per day. employés. Sex. Rate of wages. 10	per day. Different day. Sex. Rate of wages. Payron of molecular day. Payron of molecular day. Jan. 1890 10 12 F 75 """ Jan. 1890 10 17 F .75 """ Average 10 14 F .75 """ Average 10 14 F .75 """ Average 10 17 F .76 """ July 1890 10 13 F .70 """ Average 10 11 F .75 """ Average 10 17 F .76 """ Average 10 17 F .76 """ Average 10 17 F .76 """ Jan. 1891 10 15 F .75 """ Average 10 15 F .75 """ Average 10 1 <	per day. Different employés. Sex. Rate of wages. Payron of day. per day. 10 4 F \$0.70 per day. Jan. 1690 10 10 12 F .75 " Jan. 1690 10 10 17 F .75½ " Jan. 1690 10 10 17 F .75½ " Jan. 1690 10 10 17 F .75½ " Jan. 1690 10 10 14 F .75½ " Jan. 1690 10 10 17 F .75½ " Jan. 1891 10 10 17 F .76 " Jan. 1891 10 10 11 F .76 " Jan. 1891 10 10 17 F .76 " Jan. 1891 10 10 17 F .76 " Jan. 1891 10 1	Different Sex. Rate of wages. Payroll per day.	Different Sex. Rate of wages. Payroll per day.	Different day. Payroll of	Different day. Payroll of	Different day. Payroll

SPINNERS, MULE.

Jan. 1872	11	1	м	1. 33	ner	day.	Jan. 1874	11	. 8	м	1.50	ner	day.
0 4441 1012	11	lī	M	1.91	Por	uiy.	0 au. 1011	11	1	M	1.60	Por	uay.
	11	î	M	1. 96	6.6	64	1	11	3	M	1.75	44	44
	11	.4	M	2, 00	14	4.6	1, [11	8	M	1. 80	4.6	44
	11	3	М	2. 10	11	66		11	"	181	1.00		
	11	ı	M	2. 33	6.6	4.6	Average	11	20	M	1.661	4 6	15
Average	11	11	М	1.98		4.5					-		
Trenage	11	11	WI.	1. 005		•••	July 1874	11	7	M	1.50	4.6	4.8
July 1872	11		M	1. 33	6.6	41		11	2 2	M	1.60	4.6	6.6
July 1012	11	1	M	1. 91	44	61		11	2	M	1.75	1.0	11
					41	44	- 1	11	9	M	1.80	11	1.6
1	11	1	М	1.96	64] [
1	11	4	M	2.00	44		Average	11	20	M	1.67	64	44
i	11	3	M	2. 10		4.4			20		1.00		
1	11	1	M	2, 33	44	44	_		1		1		
							Jan. 1875	10	1	M	1. 50	6.6	4.6
Average	11	11	M	1.981	**	4.1	-	10	1	M	1.75	4.6	**
							ll i	10	10	M	1.80	44	**
Jan. 1873	11	1	M	1.67	6.6	4.6	11	10	3	M	. 1.90	14	4.4
1	11	2	M	1.90	6.6	16	- 1	10	. 8	. M	2.00	8.6	44
l	11	4	M	2.00	6.5	6.6	1			!			
1	11	3	M	2.10	16		Average	10	18	M	1.83	6.6	44
1	11	1	M	2.16	44	14				-			
- }	11	1	M	2.18	4.4	4.6	1 1		_			44	44
	11	1	M	2, 20	4.6	6.6	July 1875	10	1	M	1.50		41
							1 1	10	9	M	1.80		44
Average	11	13	M	2.023	1.5	44		10	6	M	1.90	11	
0							1	10	3	М	2.00	41	44
July 1873	11	1	M	1.67	11	4.6				75.0	1.00		66
	11	2	M	1.90	6.6	66	Average	10	19	M	1.844		
	11	4	M	2.00	6.6	4.6	1 1		-	l			
	11	3	M	2. 10	6.6	4.4	Jan. 1876	10	1 1	M	1, 60	44	44
	11	2	M	2.16	4.4	4.4	7411. 1010	10	3	M	1.65	44	4.6
1	11	1	M	2. 20	1.4	4.4	1	10	2	M	1.70	44	6.6
							1	10	4	М	1.75	6.6	6.6
Average	11	13	M	2.02		64	1	10	5	m	1.80	44	64

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

SPINNERS, MULE-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	rages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1876- conc'd.	10 10	1 2	M M	\$1.90 2.00	per	day.	Jan. 1882	10 10 10	I 2 1	M M M	1.60	per	day.
Average	.10	18	М	1.77				10	4	М	1.75	11	
July 1876	10 10 10	1 3	M M M	1. 60 1. 65 1. 70	44	14	Average	10	8	M	1,671	**	**
	10 10 10	3 6 1	M M M	1.75 1.80 1.85	66 66	66 66	July 1882	10 10 10	1 3	M M	1. 60 1. 70 1. 75	66	"
	10 10	1 2	M	1. 90 2, 00		44	Average	10	8	M	1.67	4.6	**
Average	10	20	M	1.77	**		Jan. 1883	10 10	10	M	1.60	.64	44
Jan. 1877	10 10 10	2 3 3	M M M	1. 65 1. 70 1. 75	6 6 6 6	44 E4 44	Average	10	13	M	1. 80	11	**
	10 10 10	8 1 2	M M M	1.80 1.90 2.00	64 64	11	July 1883	10	10	м	1.60	44	
Average	ļ	19	M	1.78		"		10	1	M	1. 70 1. 80	41	14
July 1877	10	1	м	1. 65	11	44	Average	10	13	M	1, 63	11	**
	10 10 10	2 3 6 2 2	M M M M	1.70 1.75 1.80 1.90 2.00	61	66	Jan. 1884	10 10 10	6 3 1 1	M M M M	1.50 1.60 1.70 1.80	66 66 66	16 46 41
Average	10	16	M	1.80		61	Average	10	11	M	1.57	66	**
Jan. 1878	10	2	м	1.70	64	44	July 1884	10	6	м	1.50	6.6	44
	10 10	2 6	M	1.75 1.80	16	44		1,0 10	. 2	M	1.60 1.65	11	16
	10 10	2 2	M	1.90 2.00	46	54		10 10	1 1	M	1. 70 1. 80	**	66
Average	10	14	M	1.82	66	44	Average	10-	11	M	1. 571	13	41
July 1878	10 10	1 2	M M	1.70 1.75	44	44	Jan. 1885	10 10	2 2	M	1.50 1.60	44	16
	10	6	M	1.80	44	44	1	10	2 2	M	1.65	**	**
	10 10	2 2	M.	1. 90 2. 00	66	66		10 10	2	M	1.80	41	**
Average	10	13	М	1.83	6.4	41	Average	10	10	M	1. 65	64	44
Jan. 1879	10 10	11 1	M M	1, 60 1, 80	11	,44	July 1885	10 10	2 2 1	M	1.50	66 66	66 66
Average	10	12	M	1.61	"	46		10 10 10	2 3	M M M	1. 65 1. 70 1. 80	44	44
July 1879	10	Q	M	1.60	64		Average		10	M	1. 661		**
Jan. 1880	10 10	5 1	M M	1.60 1.75	64	44	Jan. 1886	10	1 2	M	1. 60 1. 70	11	6.6
Average	10	6	M	1.62	"	46		10 10	2 9	M	1.75	44	41
J uly 1880	10 10	4 2	M M	1.60 1.75	44	44	Average	10	14	М	1. 761	14	64
Average	10	6	M	1.65	**	41	July 1886	10 10	1 2	M	1.60 1.70	44	66
Jan. 1881	10	2	M	1.50 1.60	46	16	1	10 10 10	2	M	1. 75 1. 80	44	44
	10	1	M	1.75	**	**	Average	10	14	M	1.761	4.6	46
Average	10	7	М	1. 59		64	Jan. 1887	10	3	м	1.60	41	14
July 1881	10 10 10	3 2 3	M M M	1.50 1.60 1.75	44	44 44		10 10 10	3 2 11	M M M	1.70 1.75 1.80	66 61	44
	10	8	M	1, 62	- 44	"	1	10	19	M	1.74	46	4.6

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued, SPINNERS, NULE—Concluded.

					00								
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of '	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1887	10 10 10 10 10	3 1 4 2 12	M M M M	\$1. 60 1. 65 1. 70 1. 75 1. 80	per	day.	Jan. 1890	10 10 10 10 10 10	2 10, 2	M M M M	\$1. 70 1. 80 1. 83 1. 85 1. 86 1. 90	per	day.
Average	10	22	M.	1.743	6.6	1.6	Average	10	20	M	1.821	"	46
Jan. 1888	10 10 10	7 3 12	M M M	1.70 1.75 1.80	44 44	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	July 1890	10 10 10	2 1 1	M M M	1.70 1.76 1.80	11	46 46
Average	10	22	M	1.76	4.6	**		10 10 10	11 3 2	M M M	1.83 1.85 1.86	11	66 66
July 1888	10 10 10 10	4 3 14 1	M M M M	1.70 1.75 1.80 1.83	6 f. 6 f 6 f	14 14	Average	10	22	M	1.90 1.823	11	41
A verage	10	22	м	1.771	4.6	**	Jan. 1891	10 10 10	1	M M M	1.70 1.75 1.76	45 64	66
Jan. 1889	10 10 10 10 10	1 4 10 3	M M M M M	1. 70 1. 78 1. 80 1. 83 1. 90	11	66 66 66		10 10 10 10 10	1 4 7 2 3 3	M M M M M	1. 80 1. 83 1. 85 1. 86 1. 90	66 66 66	64 64 64 64
Average	10	19	M	1.821	44	64	Average	10	25	м	1.81	"	ıı
July 1889	10 10 10 10 10 10	1 1 2 10 1 1 1 4	M M M M M M	1.70 1.78 1.80 1.83 1.85 1.86 1.90	44 46 46 41 41 44	5 6 6 6 6 6 6 6 6 6 6 6 6 6	July 1891	10 10 10 10 10 10	3 1 3 7 3 3 3	М М М М М	1.70 1.75 1.80 1.83 1.85 1.86 1.90	66 61 61 64 64	66 65 65 66 66
Аусгаде	10	20	М	1.83½	44	66	Average	10	23	М	1.82	**	н

SPOOLERS.

												_	
Jan. 1856 July 1857	12 12 12 12 12 12 12 12 12 12 12 12 12 1	1 1 1 1 1 1 2 2 1 1 1 2 2 2 1 1 1 1 1 1	F FMMMFMMFMMFMMFFMMFFFFFFFFFFFFFFFFFFF	.14 .20 .22 .24 .25 .27 .28 .30 .33 .34 .40 .40 .42 .43 .44 .45 .46 .48	14 14 14 14 14 14 14 14 14 14 14 14 14 1	day.	Jan. 1858– cone d. Average July 1858	12 12 12 12 12 12 12 12 12 12 12 12 12 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	F M F M F M F M M M F F M M M F F M M M F M	. 37 . 38 . 38 . 40 . 43 . 46 . 47 . 50 . 54 . 28 . 28 . 30 . 30 . 35 . 37 . 38 . 40 . 44 . 46	per	day.
	12 12 12	1 2 2	F	. 46 . 48 . 50	6 4 6 6	66 66		12 12 12 12	1 2 2 2 2	M M M F	. 37 . 38 . 40 . 40	64 66	64 64
Average Jan. 1858	12 12 12 12 12 12	27 1 1 1 2 2	F M M M	. 35½ . 22 . 25 . 28 . 30	66 66 66 66 61	66 11 66		12 12 12 12 12 12	1 2 1 1 1	M F F M F C	. 47 . 50 . 54 . 56 . 60	66 66 66	66 66 66 45
١	12	í	M	. 30 . 32	"	44	Average	12	20		. 411	"	L1

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

Payroll	Hours	Different	الدمية	D.d.	. 6	Payroll	Hours	Different	G	, D-4-	. Р	
of-	per day.	employ és.	Sex.	Rate	of wages.	of	day.	employés.	Sex.	Kate	01 1	vages.
Jan. 1859	12 12 12 12 12	1 1 1 1	M F M M	. 22 . 30 . 35 . 37	per day.	Jan. 1861 conc'd.	11 11 11 11 11	1 1 1 1 1	K M F F	\$0. 42 . 45 . 45 . 48 . 50	per	day.
	12 12 12	1 2 1	M F	. 38 . 40 . 40	11 11 11 11	Average	11	17		. 35	44	**
	12- 12- 12- 12- 12- 12- 12- 12- 12- 12-	1 1 1 1 1 1	M F M F F M F	. 46 . 47 . 50 . 50 . 56 . 60	44 44 64 44 64 44	July 1861	11 11 11 11 11 11	. 1 2 1 1 1 3	TETTTETT!	. 24 . 25 . 26 . 27 . 28 . 34 . 36	46 46 46 46 46 46 46 46 46 46 46 46 46 4	44 44 44 44 44
Average	12	16		. 411	66 61		11	1 2	M. F.	.38	66	44
July 1859	12 12 12 12 12 12	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	F M F M F M	. 09 . 25 . 25 . 27 . 30 . 38	16 46 46 46 46 46 46 46 46 46		11 11 11 11 11 11	1 1 1 1 2 1	FFFMFF	.41 .44 .45 .46 .48 .48	66	11 14 14 14 14
`	12 12 12	1 1 1	F M M	. 38 . 40 . 46	66 66 66 66	Average	11	22		. 37	44	**
	12 12 12 12 12 12 12 12	1 1 1 1 3 1	F M F M F M	. 46 . 46 . 50 . 50 . 58 . 60 . 64	cc 66 64 86 65 66 65 66 65 66 65 68	Jan. 1862	11 11 11 11 11 11	1 1 2 1 1 1	F F F M F	. 26 . 34 . 35 . 36 . 37 . 40 . 43	64 64 64 64 64	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
Average		17		. 423	16 16		11 11	3 1	F	.44	86	66
Jan. 1860	12 12 12	1 1 2	F F	. 20 . 28 . 30	14 14 14 14		11	1 2	M M	.48	16	44
	12 12 12 12 12 12 12 12	2 1 1 2 1 1 1 2	M F F M • M • F	. 33 . 40 . 45 . 46 . 50 . 56 . 60	66	Average July 1862	11 11 11 11 11 11	15 1 1 1 1 1	FFFFFF	. 42½ . 28 . 34 . 35 . 36 . 38 . 39	46	4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
Average		13		. 42	14 44		11 11	1 4	M F	. 42	46	46
July 1860	12 12 12 12	1 1 2 1	FF	. 20	11 11		11 11 11	1 1 2	F F M	. 49 . 50 . 65	**	64
	12 12	1 1	M	. 35 . 36 . 40	16 46	Average	11	15		. 44	44	44
	12 12 12 12 12 12 12	1 1 2 1 1 1	F M F M F M F F	. 40 . 43 . 45 . 50 . 50 . 58 . 60	66 66 66 66 66 66 66 66 66 66 66 66 66	Jan. 1863	11 11 11 11 11 11 11	1 1 2 1 1	FFMFFFF	. 20 . 24 . 28 . 31 . 38 . 48 . 50	66 66 66 66 66	46 44 46 46 44
Average	12	16	F	. 65		Average	11	8		. 341	**	44
Jan. 1861	11 11 11 11 11 11 11	1 2 1 1 1 1	FFFMFFFFF	. 17 . 20 . 25 . 30 . 33 . 34 . 35	66 66 66 64 66 64 66 64 66 66 66 66 66 66 66 66 66 66 66 66 66 66	July 1863	11 11 11 11 11 11 11	1 1 1 1 1 1 1	FFMMFFFFF	. 20 . 26 . 27 . 28 . 34 . 48 . 50 . 56 . 58	44 16 16 16 16 16 16 16 16 16 16 16 16 16	66 66 66 66 66 66 66 66
1	11 11	1 2 1	F	.38	11 11	Average	-	9		.38	**	**

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

									<u> </u>	
Payroll of—	Hours per day.	Different employés.	Sex:	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.
Jan. 1864	11 11 11 11 11 11 11 11 11	111111111111111111111111111111111111111	MFFFFFMFMFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	\$0.30 per day. 30 " " " " 33 " " " 39 " " " 40 " " " 552 " " " 553 " " " 556 " " " 566 " " "	July1866-conc'd. Average Jan. 1867	11 11 11 11 11 11 11 11	- 1 1 3 4 11 2 1 1 1	F M F M F F F	\$0.75 .79 .79 .83 .83 .92 1.00 1.17	per day.
		13		. 65 '' ''		11 11	1	F M	. 62	66 66 66 66
Average July 1864	11 11 11 11 11 11 11 11	1 1 1 2 2 1 2	F M M F F M F F	. 33		11 11 11 11 11 11 11 11	2 1 1 2 2 2 2 2 4 4 2 3 1	MEREFEEEMEFEE	. 68 . 69 . 72 . 73 . 75 . 76 . 79 . 80 . 83 . 83 . 86 . 93	66 66 66 66 66 66 66 66 66 66 66 66 66
Average	11	14		. 50			1		1. 25	
Jan. 1865	11 11 11 11 11 11 11 11 11	2 1 1 2 1 1 2 5 1	M F F F M M F F M F M F F M F M F M F F M F F F F F F F F F F F F F	.33 4 4 4 .33 4 4 4 .33 4 4 4 4 .44 4 4 4	Average July 1867	11 11 11 11 11 11 11 11 11	27 1 1 1 1 1 2 1 1 2	### M ## # #	. 78 . 46 . 56 . 60 . 61 . 64 . 67 . 68 . 69 . 73	11 11 11 11 11 11 11 11 11 11 11 11 11
Average	11	22		.48 " "		11	2	F	.76	14 15
July 1865	11 11 11 11 11 11 11	1 1 1 7 1	F M M F M F M	.33 14 44 .38 44 14 .40 14 14 .46 14 14 .50 14 14 .50 14 14	A 'verage	11 11 11 11 11 11	1 2 1 1 3 2 1 1	F M F F	. 78 . 79 . 80 . 83 1. 08 1. 25	14 14 15 14 15 14 15 15 15 15 15 15 15 15 15 15 15 15 15
	11 11	2 5	M F	.58 " "	Jan. 1868	; 11 11	2	F	. 48 . 50	44 44
Average	$-\frac{11}{11}$	23	F	. 60 " " " " " " " " " " " " " " " " " "		11 11 11 11	1 1 1 1	M F M F	. 56 . 56 . 58 . 59 . 60	44 44 44 46 44 46 44 44 44 44
Jan. 1866	11 11 11 11 11 11 11	3 3 5 3 2 2 2 2 2 2 2	F M F M F F F M F F M F	.58 " "	,	11 11 11 11 11 11	1 1 1 1 1 1 2	F F F F F F M F	. 62 . 68 . 70 . 80 . 86 . 92 1. 00 1. 00	66 65 66 65 66 66 66 66 66 66 66 66
	11 11	î 3	F	.79 " " "	Average	11	18		. 69	£1 £6
Average	11	27	F	. 68	July 1868	11 11 11	2 1	F M M	. 50 . 55 . 56	48 45 46 58 14 48
July 1866	11 11 11 11	2 1 1 1	F F F	. 60		11 11 11 11 11	2 3 1 1	FFFFF	. 60 . 63 . 64 . 68 . 70	66 66 64 65 64 66 64 66

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued,

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages
July 1868- cone'd.	11 11 11	1 1 1	F F	\$0.72 .92 .98	per	day.	Jan. 1871– cone'd.	11 11	2 1	F	\$0.96 1.16	per	day.
	ii U	î 1	F	1. 03	11	11	Average	11	15	F	. 81	"	14
	_ ii	1	F	1. 26	14	**	July 1871	11 11	1 1	M F	.37	64	44
Average	11	18		. 73		* *		11	î	F	.40	4.6	44
Jan. 1869	11 11	1 2	F	. 60	44	44		11	1 2	F	. 63	11	44
	11	í	F	. 65		6.6	1	11	1	F	. 68	44	4.6
	11	1	F	. 68	11	64	1	11	1 1	F	. 74	16	64
	11	1 1	F	.70	61	11		11	1	F	.75		41
	11	1	M	. 75	1.6	6.6	1	11	1 1 3 1 1	F	. 79	4 1	4.4
	11	1	F	. 80	6.6	44	1	11	3	F	. 80	44	11
	111	1 1	F	1.00	5.6	6.6		11	1	F	. 82	4.5	4.6
	11	1	F	1.03	14	66		11	2	F	. 86	16	+4
	11	. 1	M	1.30				11	1	F	. 90		66
Average	11	13		. 791		66	Average	11	20		.71		44
July 1869 [.]	11	1	F	.54	**	44	Jan. 1872	11	2	F	. 50	41	
	111	1	F	. 64	16	11		11	1	F	. 60	44	44
	11	1	F	. 68	6.6	14	li.	11	1 1	\mathbf{F}	. 75	6.6	6.6
	11	2	F	. 74	44	44	1	11	3	F	. 80	6.6	4.4
	11	2	F M	. 75	6.6	44	li .	11	1 1	F	. 83	1.6	4.6
	11	1	16	. 78	4.1	1.6		îî	Ž.	F	1.00	6.4	
	11	1	F	. 82	4.4	46	A	- 11	12	F	. 761	4.6	4.6
1	11	1	F	1.05	4.6		Average	- 11	12	_	_		
	11	1	M	1.30	44	4.6	July 1872	11	1	F	. 56	66	66
Average	11	14		. 791	4.6	64		11 11	1 5	F	. 62		
_				_				11	Ĭ I	\mathbf{F}	. 75	14	1.5
Jan. 1870	11	1	F	. 66	44	4.	li .	11	I	F	. 76 , 80		**
	11	1 1	M F	. 68	14	5.6		11	1 2	F	. 86		6.6
	- 11	2	M	. 78	1.4			- 11	2 2	F	. 90	**	4.5
	11 11	3	F	. 83	**	44	į	11	2 1	F	1.00 1.12	44	6.6
3	ii	1	F	. 84	4.6	64		- 11					
-	11 11	1 I	F F	1.00	6.6	44	Average	11	17	F	. 79	4.6	**
	<u>-</u>						Jan. 1873	11	2	F	. 50	44	4.6
Average	11	12		. 79	**			11	$\frac{2}{1}$	F	. 60	11	66
T_1 +0mo	١		-		61			111	1	F	. 65	6.6	6.6
July 1870	11	1 1	F	. 54	44	64	il	11	1 1	F	. 68	46	4.6
	11	1	F	. 67	4.6	4.6		11 11	1	F	. 73	11	41
	11	2	F	. 70	"	66		11	1	F	. 82	1.4	14
	11	1 1	M F	.75	44	44		11	1	F	. 86		64
	11	1	F	. 78	4.6	6.6	1	11	$\frac{1}{2}$	F	1.60		44
	11	1	M	. 79	14	44	i						
	111	2 1	F	. 82	66	44	Average	11	14	F	. 73	11	4.4
	11	1	F	. 96		44	July 1873	11	1	F	. 38	4.6	4.6
	· 11	1	F	1.05	6.6	6.4	5 aly 1010	11	1	F	. 45	44	44
Average	11	14		. 771	66	64		11	1	F	. 60	11	66
								11 11	1	F	.63	4.6	4.6
Jan. 1871	11	1	F	. 50	1.6	44		11	1	F	. 65	66	46
	11	1	F	. 65	11	66		11 11	2 1 1 1	F	. 66	14	4.6
	11 11	1	F	. 68	64	4.4	1	11	i	F	. 70	14	4.6
	11	1 2 3	F	. 75	4.4	66		11	1	F	. 73	66	4.6
	11	3	F	. 80 . 82	44	44	1	11 11	1 1	F	.75	44	44
	11	1,	F	.86	"	6.6	,	111	1	F	. 80	6.6	44
	ii	î`	F	. 90	64	4.6	11	41	1	F	. 83	1.4	4.6

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of of	wages.
July 1873- conc'd.	11 11 11 11	1 1 1 2	F F F	\$0. 86 . 90 . 92 1. 00	per	r day.	Jan. 1876- conc'd.	10 10 10 10	2 1 1 2	F F F	\$0.60 .63 .66	"	day.
Average	11	20	F	. 73	44	4.6		10	2 1 3	F	.75	14	44
Jan. 1874	11 11	1 1	F	. 30 . 32	44	44		10 10 10	3 1 1	F F	. 83 90 1. 05	66	66 66
	11 11	1 2	F	. 40	11	44	Average		17	F	7.71	61	
	11 1 1	1	F	. 52	44	66	July 1876	10	1	F	. 30	44	6.6
	11 11	3 1 2	F	. 62 . 67	**	44		1 10 10	2 2	F	. 60	64	64 11
	11	2 1	F	. 70	64	44		10	3	\mathbf{F}	. 66	14	11
	11 11	1	F	.72	4.6	6		10 10	1 1 2	F	. 68	11	44
ł	11 11	3 1	F	. 80	46	44		10 10	2 3	F	. 75	**	66
1	11 11	1	F	. 90 1. 00	11	66		10	3 1	\mathbf{F}	. 82	11	46
	 -							10 10	1 1	F	. 83	4.6	+ 5
Average	11	21	F	. 65	46	66		10 10	1	F	. 90 1. 05	44	**
July 1874	11 11	1	F F	. 23	44	**	Average	10	20	F	. 721	6.6	**
	11	1	F	. 45 . 46	64	44	Jan. 1877	10	1	\mathbf{F}	, 38	6.6	64
	11 11	1	F F	. 48 . 53	44	66		10 10	1	F	. 58	44	46
	11 11	1	F	. 56	44	44		10 10	2	F F	. 65	11	66
	11	1	F	. 62	66	16	i i	10	1	F	. 70 . 73	14	6.6
	11 11	1	F F	. 65 . 70	6.6	44		10 10	1 1	F F	. 75 . 76	44	44
	11 11	1	F	.72	4.6	66	'	10 10	7	F	. 86 . 86	**	64
	11	1	F	.86	44	11	Average	10	17	-F	. 72	44	"
Average	11	15	F	. 591	"	44	July 1877	10	1	F	. 28	4.1	**
Jan. 1875	10	1	F	.48	66	44	July 1811	10 10	1 2	F	. 45	44	44
	10 10	3 1	F	. 50	6.6	6.6		10	1	F	. 60	11	16 10 gg
ŀ	10 10	, 3	F	. 60 . 62	11	. 44		10 10	2	F	. 65 . 67	6.6	
1	10 10	1	F	. 68		11		10	1 1	F	. 68 . 70	66	44
	10	1	\mathbf{F}	. 70 . 72	4.6	66		10	1	F	. 73	46	44
	10 10	$\begin{bmatrix} 1 \\ 2 \\ 1 \end{bmatrix}$	F	. 75 . 76	44	44	}	10 10	1	F F	. 75 . 76	44	44
-	10 10	1 1	F	. 80 . 85	66	44		10 10	4	F	. 80 . 85	61	**
	10	i	F	. 86	44	6.6	Average	10	18	F	. 664	44	**
Average	10	18	F	. 65½	**	4.4					-		44
July 1875	10	1	F	. 50	44	44	Jan. 1878	10 10	1 3	F	. 30 . 33	11	64
	10 10	1 5	F	. 58	6.6			10	1	F	. 45 . 50	14	44
	10 10	2	F	. 62 . 63	44	44		10	1	F	. 52	**	64
	10	3	F	. 70	66	66		10 10	1 2	F	. 58 . 65	4.6	66
	10 10	1 4	F	. 72 . 75	6.6	4.6		10 10	1 1	F	. 66 . 67	44	44
	10 10	1	F	. 80 . 86	44	44		10	2	F	. 68 . 70	44	44
,	10	2	F	. 90	**	44		10 10	1	E	. 73	44	44
Average	10	22	F	. 69	44	44		10 10 10	1 4 1	F	. 75 . 80 . 85	44	11

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wage
July 1878	10	1 2	F	\$0.25	per	day.	Jan. 1881	10	1	F	\$0,50	per	day.
	10 10	2 9	F	. 33		44		10 10	9 1/4	F	. 55	44	6.6
	10	2 2 1	\mathbf{F}	.40	6.6	64		10	î 1	F	. 62	4.6	44
	10	1	F	. 50		44		10	1	F	. 65	44	44
	10	4 1	F	. 60 -	11	66		10	4	F	.70	66	46
	10 10		F	. 65	43	44	H	10 10	6	F	.80	4.6	4.6
	10	1 2	\mathbf{F}	. 68	6.6	4.6		10	6 2	F	. 85	4.6	6.6
	10	$\frac{1}{2}$	F	*. 73	8.8	6.6	11	10	6	F M	. 90	66	66
	10	2	F	.75	6.6	66	11	10 10	1	F	1, 00 1, 00	66	6.6
	10	3 1	F	, 80	4.6	6.6							
	10	1	Æ	. 85	4.6	£1	Average	10	32		. 761		6.4
Average	10	24	F	. 59½	6.6	6.6	July 1881	10	1	F	. 40	4.4	6.6
	1		_	1 -		Pc.		10	1	F	. 50	44	44
Jan. 1879	10 10	1 1	F	. 33	64	66	ł	10 10	1 2	F	. 58	- 66	66
	10		F	.40	44	44	ii e	10	9	F	.70	4.6	4.4
	10	2	F	. 43	6.6	44		10	9 7 7 1	F	. 75	46	44
	10	1	F	. 46		44		10 10	7	F	. 80	66	6.6
	10 10	2 2 1 1 2	F F	. 48	6.6	41		10	4	F	.90	44	6.6
	10	ī	F	.54		44		10	1	M	1.00	é e	6.6
	10	3	F	. 60	44	44		10	1	F	1.00	6.6	4.4
	10 10	1 3 2 3 2 1	F	. 66	6.6	46	Average	10	35		. 75	66	4.6
	10	2	F	. 68	66	44	Jan. 1882	10	١,	F	. 50	"	44
	10 10	4	F	. 69	44	66	Jan. 1882	10 10	1 1	F	. 58		44
	10	i	F	.72	4.4	6.6	i	10	- 1	F	. 60	44	44
	-			<u> </u>		44	1	10	1	F	. 65		44
Average	10	27	F	. 57		**	1	10 10	1 7 7	F	.70 .75		44
July 1879	10	1	F	. 25	6.6	4.6		10	9	F	. 80	4.6	4.4
0 44.5 10.10	10	1	F	. 35	4.6	64		10	. 1	F	. 85		4.6
	10	1	F	.41	61	14	i	10	B 1	F M	1.00	4.6	4.6
	10	1 2	F	.45	4.6	6.6		10 10	4	\mathbf{F}	1,00	4.6	4.6
	10	ĭ	F	. 50	6.4	44		10	1	F	1. 25	C 8	6.6
	10	11 12 11 12 9	F	. 54	66	46		7.0	39		. 781		44
	10	2	F	. 55	4.6	44	Average	10	39		. 10		
	îŏ	2	F	.60	1.1	6.6	July 1882	10	1	F	, 50	1.6	4.6
	10	1	F	. 61	66	44		1.0	4	F	. 60	64	64
	10	1	F	. 64		44	li .	10 10	3 3	F	. 65	44	44
	10	2	F	. 68	4.6	64	1	10	. 8	F	. 75	4.4	6.6
	10	9	F	. 70	44	6.6		10	11	F	. 80	44	66
	10 10	1	F	. 73	44	44		10 10	2	F	. 85	14	
	10	4	F	.75		44	1 .	10	1	M	1.00	5.4	6.6
		-	-			64		10	4	F	1.00 1.25	66	44
Average	1	34	F	. 613				10			-		44
Fan. 1880	10 10	6 3	F	. 50	44	66	Average	10	39		.78	• ••	••
	10	4	F	.70	44	6.6	Jan. 1883	10	1	F	. 33	6.6	44 a
	10	5	F	. 75	4.6	64		10	2	F	. 60	46	11
	10	5 7	F	. 80	66	64		10	1	F	.70	44	44
	10	1	F	. 85	••	••		10 10	7 6	F	.80	14	6.6
Average	10	26	F	. 681	4.6			10	1	F	. 85\	4.4	64
-			_	1 -		16	1	10	6 1	F	1.00	44	44
July 1880	10	1 2	F	. 35	41	11		10	1	F	1,00		
	10 10	3	F	.55		44	Average	10	25	F	.78	44	64
	10	3 5	F	.60	44	64	1			1 70	40		44
	10	1	F	. 62	44	44	July 1883	10 10	I	F	.40	44	44
	10 10	1	F	. 65	"	**		10	1	F	.60	6.5	4.6
	10	1 1 4 3	F	. 75	66	44	11	10	1 1 2 4 3 2	F	. 65	44	44
	10	8	F	. 80	44	44	}	10	2	F	.70	14	46
	10~	3	F	.85	41	**	[]	10 10	3	F	.75		44
		31	F	. 68	- 66	44	14	10		Ť	,85	66	46

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

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Payroll of—	Hours per day.	Different 'employés	Sex.	Rate	of	wage	8.	Payroll of—	Hours per day.	Diffe empl	rent oyés	Sex.	Rate	of	wage
July 1883- cone'd.	10 10	5 1	F	\$0. 90 1. 00	per	day.		July1887- cone'd.	10 10 10		5 1 2	FF	\$0, 80 . 85 . 90	44	day.
Average	10	21	F	.77					10		2	F	1.00	46	**
Jan. 1884	10	1 2	F	. 55	**	41		Average			13	F	. 83	"	66
	10 10 10 10 10 10	3 3 3 1 2 1	FFFF	.70 .75 .80 .85 .90 1.00	1 5 1 6 6 6 6 6	46		Jan. 1888	10 10 10 10 10 10		3 1 7 2 3 2	FFFFF	. 60 . 70 . 80 . 85 . 90 1. 00	66 66 66	65 65 66 66
Average	10	16	F	. 76	14	41		Average	10		18	F	. 801	6.6	46
July 1884	10 10 10 10 10 10 10	1 1 1 2 2 2 4 2	FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	. 40 . 50 . 60 . 70 . 75 . 80 1. 00	66 66	66 46 46 65 64 64		July 1888	10 10 10 10 10 10 10		1 2 1 3 9 1 4	FFMFFFFF	.40 .60 .65 .75 .80 .85 .90	11 11 11 11 11	66 65 65 66 66
Average	10	13	F	.74	44	44		Average			23		. 79	44	**
Jan. 1885	10 10 10 10 10	1 3 3 3	FFFF	. 60 . 70 . 75 . 80 . 90	66 66 66	44 44 44		Jan. 1889	10 10 10 10		1 1 1	F M M	.50 .65 .70	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	44 44 44
	10	2	F	1.00	8.6	44	- 1		10		1	F	. 75	45	66
Average	10	13	F	. 79	66	41			10 10		10	M F	. 80 . 80	61	44
July 1885	10 10 10 10 10 10	1 2 3 1 1 2	4 4 4 4 4	.70 .75 .80 .85 .90	66 66 66 44	44 41 41 41 44		Average	10 10 10 10 10		1 2 5 2 26	F F F	. 82 . 85 . 90 1. 00	66 66	44 44 44 44
Average	10	10	F	. 831		и		July 1889	10 10		2	M M	. 70 . 80	"	44
Jan. 1886	10 10 10 10 10 10 10	1 1 2 3 1 1 2	FM FFFFF FFFF	.70 .75 .75 .80 .85 .90	66 66 66 66 66	44 45 44 64 64 64		Average Jan. 1890	10 10 10 10 10 10		7 11 1 2 5 2 30	FFFFF	. 80 . 82 . 85 . 90 1. 00 . 823	46 41 44 44	44 44 44 44 44 44 44 44 44 44 44 44 44
Average	10	11		. 821	6.4	64	- 1	Jan. 1890	10		10 10	F	80	4.6	
July 1886	10 10 10 10	1 1 2	F M F F	.70 .75 .75 .80	6 6 6 6 6 6	44			10 10 10 10		1 5 2	F F F	. 82 . 85 . 90 1. 00	11 14 14	61 61 64
•	10 10	3 1 1	F	. 85	44	44		Average	10		29		. 83 <u>1</u>	**	44
	10	3	F	1.00	4.6	44		July 1890	10 10		10 9	M F	. 80 . 80	**	66 65
Average	10	12		. 84	**	66	ľ		10 10		1	F M	. 82 . 85	11	44
Jan. 1887	10 10 10 10	1 1 3 1	F F M	. 70 . 75 . 80 . 85	66	4 5 4 5 6 6			10 10 10		1 3 1	F F	. 85 . 90 1. 00	66 66	44 14 15
	10 10	1	F	. 85 . 90	44	41 41		Average	10		26		. 821	66	41
Average	10	2	F	1.00	46	44		Jan. 1891	10 10		1 4	F M	. 60 . 80	11	66 , 68
	- 1	10		. 841					10 10		2	F M	. 80 . 85	44	11
July 1887	10 10	2	F	. 70 . 75	44	**			10 10		2	F	. 85 . 90	44	66

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

SPOOLERS C	Concluded	ί.
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Payroll of—	Hours per day.	Different employés.	Sex.	Rate of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1891- cone'd.	10 10	<u>1</u> 1	M F	\$1.00 per 1.00 ''	day.	July 1891- cone'd.	10 10 10	4	F M F	\$0.85 .90	per	day.
Average	10	19		. 83½ ''	11		10 10 10	1	M E	1.00 1.00	16	66
July 1891	10 10 10	1 2 5	F M F	. 00	. 66 . 65	Average		16		041		5.6

STRETCHERS.

Jan. 1840	14	1	F	. 40	per	day.	İ	July 1844	14	1	M	.42	uer.	day.
3444	14	1	F	. 50	- 66	4.1		0 443	14	5	F	.47	+ +	4.4
1	14	2 2 1	F	. 52	4.6	6.6			14	4	~ F	.48	6.6	4.6
	14	2	F M	. 54	44	6.6			- 14	10		45		
Ι.	- 14 - 14	1	F	. 55 . 56		44	- 1	Average	14	10		. 47	•••	••
	14	1	M.	. 58	6.6	4.4		Jan. 1845	14	2	F	. 42	8.6	4.6
i	14	î	M	. 60	64	6.6	- 1	011111111111111111111111111111111111111	14	ĩ	M	. 44	6.6	1.1
							1		14	6	F	.47	6.6	44
Average	14	10		. 53	**	4.4			14	3	F	.48	**	. 4
July 1841	14	1	F	. 40	11	44		Average	14	12	- <i>-</i>	. 46	16	6.6
	14 14	3	F	. 50	41	44	- 1	July 1845	14	4	F	. 42	44	4.6
	14	2	M	.55	6.6	4.4	- 1	July 1043	14	3	F	.47	44	4.6
	14	1	F	. 55	1.6	6.6			14	3	F	.48	6.6	4.6
	14	3	F	. 56	6.6	6.6								
	14	1	M	. 65	. "	4.6		Average	14	10	F	. 45 <u>1</u>	6.6	44
Average	14	12		. 53	* "	44	-	Jan. 1846	14	2	F	. 46		44
Jan. 1842-	14		100	۸۰	44	4.4	- 1		14 14	1 6	F	.50		4.6
J HII. 1842	$\frac{14}{14}$	4 2	F	.40	66	6.6			14	3	F	.54	66	4.4
1	14	4	F	.50	14	6.6		i i	14	ľ	F	.56	14	4.6
1	14	4	F M	. 52	4.6	4.6	ł		- +					
- 1	14	1		. 55	4.6	66	- 1	Average	14	13	F	.51 <u>1</u>		4.6
	14 14	1 2	F	.55 .56	44	66		July 1846	14	1	F	.42	4.6	4.6
	14			. 50				9 11 y 10 20	14	2	M	.48	+4	6.6
Average	14	18		. 49	6.4	4.4			14	5	F	. 48	4.6	4.6
T 1 7040		_	_		44	44			14	4	F	. 50	64	**
July 1842	14 14	1 3	F	. 47	41		- 1		14	2	F	. 54	14	
- 1	14	1	M	.52	6.6	44			174			- 00		
- 1	14	3	F	. 54	66	6.6	1	Average	14	15		. 494	- 64	6.6
Ţ	14	1	M	. 60	4.6	4.6		-		١.	703	٠,٠	44	66
A	1.4	9		F01		6.6	- 1	Jan. 1847	14 14	1 3	F F	. 42	6.6	4.6
Average	14	9		. 52		•••			14	i	F	.47	14	6.6
Jan. 1843	14	1	F	. 38	4.4	4.4			14	î	M	.48	6.6	6 4
	14	3	F	.44	66	4.6		ŀ	14	8	F	.48	4.6	11
1	14	1	M	. 48	46	44			14	1	M	.50	16	46
	14	2 1	F	.48	64	66			14 14	1 4	F	. 50	44	44
	14 14	1	M	. 56	66	6.6			14	1 1	M	.54	6.6	4.6
									14	8	F	. 54	11	4.6
\mathbf{A} verage	14	9		. 46	* * *	64			14	1	F	. 56	1.6	44
July 1843	14	1	F	. 38	4.6	4.4		Average	14	30		. 50	44	6.6
	14	$\frac{1}{2}$	F	. 42	1.6	6.6		_	L .		3.		44	44
!	14	~2	F	. 47	16	44		July 1847	14	1	M	. 42	66	44
	14	1	F M	.52	44	44			14 14	2	F M	. 46	64	46
	14	1	TAT	. 50			- 1		14	2	F	.48	6.6	4.6
'Average	14	6		. 47	61	6.6			14	1	F	. 50	44	44
	4.		3.6	000	61	44			14	1 3	M F	.52	66	**
Jan. 1844	14	1	M F	. 38	44	**			14 14	10	F	. 54	4.6	14
1	14 14	2 2	F	47	6.6	44			14	2	F	. 56	4.6	44
1	14	5	F	.48	4.4	44			14	ī	F	. 58	1.1	14
Average	14	10		. 451	- 40	6.6		Average	14	24		.52		61

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued. STRETCHERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of "	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
Jan. 1848	14 14	2 1	F M	\$0.46	per	day.	Jan. 1852	12 12	1 5	M F	\$0.50 .50	per	day.
	14 14 14	1 1	F F	. 50 . 50 . 52	44	11	Average	12	6		.50	44	44
	14 14	1 9	M	54	44		July 1852	12 12	3 1	F M	.50	44	"
	14 14	4	F	.56	£ £	46	Average		4		. 514	44	44
	14	1	_M	. 60	44	44	Jan. 1853	12	2	м	. 54	44	44
Average	14	22		. 531				12	1	F M	. 54	14	64
July 1848	14 14	1	F M	. 46	44	66	Average	12	6		. 55	66	Ĭ.,
	14 14	1 3	F M	.50	, i	66	July 1853	12	2	M	. 54	´ 11	**
	14	3 7 2	F	. 54	4.6	66		12 12	3 1	F M	. 54	**	44
	14 14	2	F	.56	44	46	Average	12	6	<u> </u>	.55	4.6	44
Average	14	16		. 53	44	64	1				İ	64	46
				*			Jan. 1854	12 12	$\frac{1}{2}$	F M	. 50	64	64
Jan, 1849	14	2	F	.48	44	44		12	-3	\mathbf{F}	. 5 <u>-i</u>	66	**
	14 14	1 1	M	.50 .52	66	66		12 12	1	F M	. 58	44	44
	14 14 14	1 1 3	M F	.52	44	44	Average	12	8		. 541	44	"
	14	1 2	M	.54	44	46	July 1854	12	2	м	. 54	44	44
	14	3	F	.56	44	16		12 12	4	F	. 54	66	66
	14	ĭ	F	. 60	44	54	Average		7		. 60	44	66
Average	14	16		. 541	4.4	64							
July 1849	14	1	м	. 50	44	44	Jan. 1855	12 12	1 3	M F	.54	66 61 66	46
-	14 14	1 2	F M	. 50	44	* 44	[]	12	1	_M_	. 60		••
	14	3	Į.F	.54	6.6	44	Average	12	5		. 55	4.4	44
	14 14	1	M	. 56	66	44	July 1855	12	1	ne l	. 52	44	44
	14	i	M	. 58	44	64		12	1	M	. 54	44	44
Average	14	10		. 543	66	46		12 12	8	F M	. 54	**	66
_				_			Average	12	11		. 541	44	44
J an. 1850	14 14	2	F	. 49	44	66	Jan. 1856	12	1	F	. 46	46	
	14	3	M	. 54	44	. 44	0 all. 1000	12	3	M	.54	1.6	6.6
	14 14	9 2	F F	. 54	44	44		12 12	5	F M	.54	44	66
	14 14	1 3	E M	.58	44	4.6 4.6	Average	12	10		. 54	44	
Average	14	21		. 541	4.6	66	July 1856	12	1	F	. 46	11	44
July 1850	14	2	ъ	. 52	46	44		12 12	2 2	M F	. 54 . 54	44	44
	14	5	F	. 54	44	44		12	1	F	. 56	6.6	44
	14 14	2 2	F M	.58	44	46		12	1	F	. 58	14	**
Average	14	11		. 571	44	44	Average	12	7		, 531	44	44
J an. 1851	14	1	м	. 50	44	66	Jan. 1857	12 12	1 2	F M	. 46 . 54	44	44
	14	10 1	F	.50	44	44		12	2	F	. 54	46	46
	. 14	2	м	.70	44	"		12 12	1	F	. 56 . 58	46	**
Average	14	14		. 53	44	44	Average	12	7		, 531	44	44
July 1851	14 14	7	F	. 46	66	**	July 1857	12 12	3 3	M F	. 54 . 54	46	66
Average	14	8	F	. 491	66	44	Average	12	6		. 54	66	45

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

STRETCHERS-Continued.

									- 1			********		
Payroll of—	Hours per day.	Different employés.	Sex.	 Kate	of v	vage	8.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
Jan. 1858	12 12 12 12 12 12	1 1 2 1	F M F M	\$0.52 .54 .54 .56 .60	per	day	•	July 1862	11 11 11	1 1 1 3	F F	\$0. 54 . 65 . 70	per	day.
A verage		6		. 55		45		Jan. 1863	11	1	F	. 54	"	4.6
July 1858.	12 12 12 12	1 1 2 1	F M F M	. 52 . 54 . 54 . 56	66 66 66	64 64		941. 1000	11 11 11 11	3 1 1 2	F F F	. 60 . 63 . 65 . 72	41 41 11	11
`	12	1	M	. 60		61		Average	11	8	F	. 631	44	14
Average Jan. 1859	12 12	6 1 2	F M F	. 55 . 52 . 54	11	66 16		July 1863	. 11 !1 11	3 1 2	F F	. 60 . 63 . 65		14 44 14
	12 12 12	5 1 1	M	. 54	46	44		Average	11	6	F	. 62	44	4.6
Average	<u> </u>	10		. 54		**		Jan. 1864	11 11	3 3	F	. 60 . 65	66	16
July 1859	12 12	1 2	F M	.52 .54	64 65	66 66		Average	11	6	F	. 621	**	4.6
	12 12 12	5 1 1	M M	.54	11	44		July 1864	11 11 11	3 1 2	F F	.60 .65	44 44	**
Average		10		54	· "	46		Average	11	6	F	. 64		16
Jan. 1860	12 12 12 12 12	1 2 2 1 1	F M F M	. 52 . 54 . 54 . 56 . 65	66 66 66	68 66 66		Jan. 1865	11 11 11	1 4 1	F	. 60 . 65 . 70	"	46 (4 18
Average		7		. 55	- 1 "	44		Average	11	6	E	. 65		4.6
July 1860	12 12 12	1 2 2	F M F	. 52 . 54 . 54	44 44 44	16		July 1865	11 11 11	1 3 2	F F F	. 60 . 65 . 70	44	11
	12 12	1 1	M	. 56		14	i	Average	11	6	F	. 66		and k
Average		7	,	55	<u>1</u> "	64		Jan. 1866	11 11	4 2	F	.70		64
Jan. 1861	11 11 11	1 2 1	F	. 54 . 56 . 60	64	14		Average	11	6	F	. 71	"	6.6
	11	1	F M	.62	**	46 46		July 1866	11 11	5	F	. 75 . 80	14	£ 6
Average	11	7	F	. 65				Average	. 11	6	F	.76	41	44
July 1861	11	2	F	. 56	- "	16		Jan. 1867	111	3	F	.75	**	44
	11	1 1	F	. 58 . 62	64	44		Average	11	6	F	. 77	_	44
	11 11 11	1	F	. 65	_ "	**		July 1867	11 11 11		\mathbf{F}_{i}	.75 .80 .85	11	11
Average		7		. 61		16		Averag	e 11	6	F	. 79		14
Jan. 1862	11 11 11 11	1 1 1 1 1 1	FFFFF	. 52 . 54 . 56 . 60 . 63	66 66	46 66 16		Jan. 1868	. 11 . 11 . 11 . 11	1	F F	.75 .80 .85 .95	41	
1	111	1 1	M F	. 65		4.6		Averag	e 11	9	F	. 83		
Average	11	10	M	. 67	- "	66		July 1868	11 11 11	. 4	F	. 75 . 80 . 85		4.6

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued. STRETCHERS Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages
July 1868- conc'd.	11 11	1	F	\$0.95 1.00	per day,	July 1874	11 11 11	1 3 2	F F	\$0.60 .65	per	day.
Average	11	9	F	. 841	66 66	Average	11	6	F	. 66	44	11
Jan. 1869	11 11 11	4 3 2	F F	. 75 . 80 1. 00	66 86 64 86	Jan. 1875	10 10	1	F	. 55	61 61	44 81
Average	11	9	F	. 82	44 66		10 10	4 1	F	. 6 5	66	44
July 1869	11	3	F	. 75	44 44	Average	10	7	F	. 641	66	"
ouly 100s	11 11 11 11 11	3 1 1 1	FFFF	. 80 . 85 . 95 1. 00	16 66 16 11 40 46 46 66	July 1875	10 10 10	1 4 1	F F	. 55 . 60 . 65	66 64	66
Average		9	F	. 83	66 66	Average	10	6	F	. 60	44	"
Jan. 1870	11 11 11	4 1	F F	. 80 . 85	66 64 61 66 66 66	Jan. 1876	10 10 10	2 3 1	F F	. 60 , 65 . 85	66	81 64 46
	îî	î	F	1.08	66 66	Average	10	6	F	. 661	66	44
Average	11	, 9	F	. 861	61 45	July 1876	10 10	3 1	F	. 60 . 80	"	64 66
July 1870	11 11	3	F	.80	11 16	Average	10	4	F	. 65	11	**
	11 11	1	F	. 90 1. 02	44 47	Jan. 1877	10 10	2	F	. 60	11	46
Average	11	9	F	. 85	44 44	Average	10	3	F	, 65 	14	44
Jan. 1871	11 11 11 11	5 2 1 1	F F F	. 85 . 90 . 95 1. 02	66 66 66 66	July 1877	10 10	1	F	. 50 . 60	**	61 61
Average	11	D		. 89		Average	10	2	F	. 55	66	66
July 1871	11	2	F	. 85	44	Jan. 1878	10	2	F	. 55	41	44
Ψ,	11 11 11	5 1 1	F F	. 90 . 95 1. 02	66 68 64 68	July 1878	10 10	1	F	. 50	66	66
Average	11	9	F	. 91	** **	Average	10	2	F	. 55	44	44
Jan. 1872	11 11 11 11	5 1 2 1	F F F	. 85 . 90 . 95 1. 02	64 66 65 66 61 66	Jan. 1879	10 10 10 10 10	2 1 1 1 3	M M F M	. 60 4 . 65 . 75 . 75 . 80	66 66 68 68 66 66	66 66 66 68
Average	n	9	F	. 891	44 - 44	Average	10	9		. 75		ü
July 1872 /	11 11 11	4 4 1	F F	. 85 . 90 1. 02	46 46 66 66	July 1879	10 10	2	M M	. 60 . 65	66	66 66
Average	11	9	F	. 89	"	-	10 10	1 1 3	M F	. 75 . 75	41	14 44
Jan. 1873	11 11	1 5	F F	.75 .80	66 66		10 10	1	M	. 80 1. 00	65	**
Average	11	6	F	. 79	44 44	Average	10	9		. 75		44
July 1873	11 11	5 1	F F	. 70 . 75	14 44 14 44	Jan. 1880	10 -10 10	1 2	M M M	. 60 . 70 . 75	66	14 63
Average	11	6	F	. 71	66 68	1	10 10	1 1	F M	. 75 . 80 . 95		64 64
Jan. 1874	11 11 11	1 2 3	FF	. 60 . 65 . 70	66 66 64 66	Average	10	9	М	. 72	"	64
Average	11		F	. 661	11 44	July 1880	10 10	1 2	M M	, 60 , 65		41 41

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

STRETCHERS-Concluded:

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1880-	10	1	M	\$0, 70	ner	day	Jan. 1886	10	1	F	\$0.60	ner	day.
conc'd.	10	1	F	. 70	4.4	4.1	0 11111	10	ì	F	. 65	6.6	
0020	10	2	M	. 75	6.6	6.6	li .	10	4	F	. 70	6.6	4.6
	10	1	M	. 80	14	64	1	10	2	F	. 80	76.6	44
A wara ca	10	1	M	. 90	"	16	Average	10	8	F	. 701	11	
Average	10			ļ			July 1886	10	1	F	. 60	ť ţ	\$ 6
Jan. 1881	10	4	M	. 60	6.6	44	11	10	1	F	. 65	14	44
	10	1 3	F M	. 60	66	**	H	10 10	4 2	F	.70		
	10 10	1	F	. 90	4.0	14			-		. 10		
	îŏ	i	M	1.00	11	4.6	Average	10	8	F	. 691	11	61
Average	10	10		. 73	6.6	4.6	Jan. 1887	10	1	F	. 60	6.6	4.6
			3.6	60				10	1	F	. 65	11	44
July 1881	10 10	1 1	M F	. 60	-11	14		10 10	5	F	.75	44	44
	10	3	M	.80	6.6	44	1				. 75		
	10	l. ĭ	F	. 90	4.6	1.5	Average	10	8	F	. 683	"	6.6
	10	1	M	1.00	6.6		1			_	l		
. '					44	44	July 1887	10	1	F	. 60		46
Average	10	10		. 73	•••	••		10 10	1 3	F	. 65	66	66 .
Jan. 1882	10	2	M	. 55	44	4.6		10	3	F	.75	6.6	44
0 au. 1002	10	ī	F	.60	11	44				i			
	10	2	M	. 65	4.6	4.6	Average	10	8	F	. 70	4.4	41,
	10	3	M	. 75	44	16		1		*3	0.5	4.6	66
	10	1	F	. 80	66	46	Jan. 1888	10	1	F	. 65	6.6	66
	10	1	M	. 85	-	. *-		10 10	5	F	.75	4.6	1.6
Average	10	10		. 69	61	44		10	1	F	. 80	1.6	**
July 1882	10	1 1	M	. 55	6.6	6.6	Average	10	11	F	. 721		4.6
0 423 2002	10	1	F	. 55		6.6	-			ĺ	1 -		
	10	2	M	. 60	4.6	41	July 1888	10	4	F	. 70	66	44
	10	3	M	. 70		11	:	10	5	F	. 75	4.6	14
	10 10	1 1	M	. 75	4.6	4.6	1	10	i	F	. 85	4.6	6.6
	10	î	F	. 80	4.6	64	11						
Average	10	10		. 671	11	**	Average		11	F	. 741		44
T 1000		_	_			44	Jan. 1889	10	3	F	.70	44	44
Jan. 1883	10 10	1 2	F	1.00	- 44	11	'	10 10	5 2	F	. 80	4.6	6.6
Average	10	3	F	. 91	"	**	Average	10	10	F	, 74½	"	14
July 1883	10	1	F	.75	4.6	4.5	July 1889	10	2	F	. 70	ιt	4
,	10	2	F	1.00	4.6	6.6	3 20	10	5	F	. 75		44
Average	!	3	F,	. 913			ļ.	10	3	I,	. 80		
_			F	.80	44	u	Average	10	10	F	. 753	14	14
Jan. 1884	10 10	- 1 1	F	. 90	4.6	44			_	70	70	4.6	
		1	_ r				Jan. 1890	10	5 3	,F	.70	4.6	
Average	10	2	F	. 85	4.6	4.6	11	10	1	F	. 80	44	14
July 1884	10	1	F	. 85	6.6	4.6		10		! .			
	10	ī	F	. 90	44	46	Average	10	9	F	. 73	1.4	,
Average	10	2	F	. 871	11	4.6	July 1890	10	1 1	F	65	4.6	44
Jan. 1885	10	. 1	F	, 55	64	44		10	5	F	. 70		1.6
	10		\mathbf{F}	. 60	6.4	6.0		10	5 2 1	F	. 80	6.6	4.6
	10	1	M	. 65	44	44			1				
	10 10	4 2	F	. 70	66	44	Average	10	9	F	. 71½		11
Average	10	9		.70	"	**	Jan. 1891	10	1 4	F	. 85 1. 00	44	66
July 1885	10	1	F	. 55	66	4.6		10					
n art a Tooi	10	1	F	. 60	66	66	Average	10	. 5	F	. 97	6.6	4.6
	10	1	M	. 65	"	44		1	_	17.3	. 85		
	10	4	F	. 70	11	44	July 1891	10 10	1 4	F	1,00	44	6.6
-	10	2	F	, 85	••	•-		10					
Average	10	9		. 70	1.5	44	Average	10	5	F	. 97	6.6	14
				1			11	I	I	l .	I .		

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSEITS—Continued.

			1	,									
Payroll of -	Hours per day.	Different employés.	Sex.	Rate	e of	wages.	Payroll of—	Hours per day.	Different employés		Rate	of	wages
July 1847 Jan. 1852 July 1852	14 12 12	1 1 1	F F	\$0, 42 . 33 . 33	- 66		July 1869	11	5 2	F	\$0,75 .95	Per	day.
Jan. 1853 July 1853	12 12	1 1	F	. 33	44		Average	11	7	F	.801	61	14
Jan. 1856 July 1856 Jan. 1857 July 1857	12 12 12 12	1 1 1 1	F	.38 .38 .38	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		Jan. 1870	11 11 11	3 1 2	F F	. 75 . 80 . 90	44 44	14 14
Jan. 1858	12 12	3 2	F	.38	"		Average	11	6	F	. 81	41	44
July 1858 Jan. 1859	12	2	F	. 38	6.6		July 1870	11	3	F	. 75	44	11
July 1859	12 12	1	F	.38	46	66		11 11 11	1 · 1	F F	85 . 90 . 95	44	66 66
Average	12	2	F	. 39	14	6.6	Average	11	6	F	. 821	6.6	64
Jan. 1860	12 12	1	F	.38	66	**	Jan. 1871	11 11 11	3 1 2	F F	. 75 . 90 1. 00	66 66	4.6 6.6
Average July 1860	12 12	$\frac{2}{1}$	F	.39	44	11	1.						
5 uly 1600	12	1	F	. 38	41	66	Average	11	. 6	F	. 86	**	66
Average Jan. 1861	12 11	2	F	. 39	44	"	July 1871	11	3 3	F	. 75 1. 00	44	44
July 1861	11	1	F	. 40	44	64	Average	11	6	F	, 87 <u>1</u>	4.4	44
Jan. 1864 July 1864	11 11 11	3 1 1	F F	. 50 . 55 . 60	44	41	Jan. 1872	11 11 11	. 1	F F	. 75 . 85 . 95	64 66	66 61 66
Average	11	2	F	.571	44	46	Average	11	7	F	. 801	14	64
Jan. 1865	11	2	F	_			July 1872	11	4	F	. 75		44
July 1865	11	3	F	. 60	"	64		11 11	2 1	F	. 80 . 95	11	11 4
	11	2	F	. 65	14	**	Average	11	7	F	. 79 <u>1</u>	11	44
Average	11	5	F	. 61	**	**	Jan. 1873	11	1	F	. 65	44	16
Jan. 1866	11 11 11	1 1 4	F F	. 60 . 65 . 75	64 64	11		11 11 11	1 1	F F	. 75 . 80 . 90	44	**
Average	11	6	F	.71	44	44	Average	11	_ 5	F	. 77	16	4.
July 1866	11 11 - 11	1 1 5.	F F	. 65 . 70 . 75	44		July 1873	11 11 11	1 2 1	F	. 65 . 75 . 85	11	64 64 66 ×
Average	11	7	F	. 73	44	44		11	1	F	. 90		н
Jan. 1867	11	7	F	. 75	46	41	Average	11	5	F	.78		11
July 1867	11 11	1 6	F	. 70 . 75	44	**	Jan. 1874	11 11 11	1 1 1	F	. 60 . 65 . 75	66	66 66
Average	11	7	F	. 741	64	44		11	1	F	. 80 . 85		66 68
Jan. 1868	11 11	2 2	F F	. 75 . 80	11	64 46	Average	11	5	F	. 73		
Average	11	5	F	. 88 . 79½	"		July 1874	11 11 11	1 1 1	F	. 60 . 65 . 70	44	66 66
July 1868	11 11	3	F	. 75 . 80	"	44		11	1 1	F	. 75 . 90		"
	11	î	F	. 85 . 88	6 6 6 6	4.6	Average	11	5	F.	. 72	16	"
Average	11	6	F	.79½	44	44	Jan. 1875	10 10	1	E F	. 60 . 65	44	14 14 15
Jan. 1869	11 11	5 2	F	. 75 . 90	64	16		10 10 10	1 1 1	F F	. 75 . 80 . 85	44 (16
Average	11	7	F	. 791	48	44	Average	10	5	F	. 73	46 (16

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSEITS—Continued.

SWEEPERS-Concluded.

Payroll of	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of	Hours per day	Different employés.	Sex.	Rate	of	wages
July 1875	10 10 10	1 1 1	FF	\$0. 60 . 65	per	day.	July 1881	10 10	2 l	F F	\$0, 60 . 65	per	day.
	10 10	1	F	. 85	66	44	Average	10	3	F	. 613	44	**
Average	10	5	F	. 76	44	44	Jan. 1882	10 10	$\frac{2}{1}$	F	. 60	**	"
Jan. 1876	10 10	2 1	F	. 60 . 85	64	44	Average	10	3	F	. 61½	"	"
	10 10	1 1	F	. 90	11	16	July 1882	10 10	2	F	. 60 . 65	14	44
Average	10	5	F	.78	44	44	Average	10	3	F	. 61½		
July 1876	10 10 10	5 1 2	F F F	. 60 . 78 . 95	11	" " –	Jan. 1883	10 10	1 3	F	. 65 . 70	44	44
Average		8	F	. 71	44	**	Average	10	4	F	. 681	44	4.5
Jan. 1877	10	5	F	. 60	44	44	July 1883	10 10	1 3	F	. 65 . 70	11	44
	10 10 10	1 1 1	F	. 78 . 80 1. 00	44	11	Average	10	4	F	.681		"
Average	10	8	F	. 691	**		Jan. 1884 July 1884	10 10	4 5	F	.75 .75	16	11
July 1877	10	6	F	. 60			Jan. 1885 July 1885	10 10	3 3 8 3	F	.75	14	1.6
J	10	1	F	. 75	4.4	11	Jan. 1886	10	3	F	.75	6.6	5.6
	10	1	F	. 85	14	"	July 1886	10	3	F	. 75	14	6.6
	10	1	F	, 90		**	Jan. 1887	10	4	Ē	.75	46	66
Average	. 10	9	F	. 68	6.6	66	July 1887 Jan. 1888	10 10	4	F	.75	- 11	66
Average	- 10	, ,	F	, 00			July 1888	10	4	F	.75	44	66
Jan. 1878	10	5	F	. 60	4.6	11	Jan. 1889	10	4 3 3	F	.75	11	4.6
	10	2	F	. 80	6.6	* 1	July 1889	10	3	F	. 75	4 6	4.6
	10	1	F	, 90	6.6	**	Jan. 1890	10	2	F	. 75	44	4.6
Average		8	F	. 68 1	41	44	July 1890	10 10	1 2	F	. 65	44	44
July 1878	10 10 10	$\begin{array}{c} 5 \\ 1 \\ 2 \end{array}$	F F	. 60 . 75 . 85	**	66	Average	10	3	F	. 71½	14	44
				. 00			Jan. 1891	10	1	F	. 60	11	F 44
Average	10	8	F	. 68	**	44	1001	10 10	3	F	. 65	44	46
Jan. 1879	10	5	\mathbf{F}	. 60	11	61							
July 1879	10	6	F	. 60	6.6	44	Average	10	7	\mathbf{F}	. 681	4.6	4.6
Jan. 1880	10	' 6	\mathbf{F}	. 60	44	44		i		_			·
July 1880	_10	5	F	. 60	6.6	44	July 1891	10	1	F	. 60	6.6	64
Гап. 1881	10	2	F	. 60	46	66		10 10	3	F F	. 65	46	64
A wome	10	1	F	. 65	"	46	Average	10	7	F	. 681	**	14
Average	10	3	F	. 613	•••		1						

TEAMSTERS.

Jan. 1840 July 1841 Jan. 1842	14 14 14	2 1 2	M M M	1.50 1.50 1.50	- 44	đạy.	Jan. 1845	14 14	1 1	M M	1.33 1.75	per	day.
. 0 MII. 1092	14		IVI	1. 50			Average	14	2	М.	1.54	44	4.6
July 1842	14 14	1 1	M M	1.42 1.50		44	July 1845	14 14	$\frac{1}{2}$	<u>м</u> М	1.33 1.50	44	44
Average	14	2	м	1.46	16	44	Average	14	3	М	1.441	**	44
Jan. 1843 July 1843	. 14 - 14	1	M M M	1.50 1.50		11 11	Jan. 1846	14 14	1	M M	1.33 1.75	46	"
Jan. 1844 July 1844	14 14	i	M	1.50 1.50	64	44	Average	14	2	М	1.54	14	66

17509, pt. 2-52

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued. TEAMSTERS—Continued.

						:							
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages
July 1846	14 14	2 1	M M	\$1.00 1.75	per	day.	July 1853	12 12	1	M M	\$1.25 1.83	per	day.
Average	14	3	M	1. 25	ıı	4.4	Average	, 12	2	M	1.54	"	46
Jan. 1847	14 14	1	. <u>М</u> М	1.50 1.75	54	46	Jan. 1854	12 12	1 1	M	1. 25 1. 83	et	44 61
Average	14	2	M	1.621		44	Average	12	2	М	1.54	44	"
July 1847	14 14	1 1	M M	1.33 1.50	14	11	July 1854	12 12	1· 1	M	1. 25 1. 85	66	44
Average	14	2	М	1.411	11	4.6	Average	12	2	M	1.54	41	**
Jan.: 1848	14 14 14	2 1 1	М М	1. 25 1. 33 1. 75	64 66	44	Jan. 1855	12 12	1 1	M M	1. 25 1. 83		11
Average	14	4	М	1.391	41	44	Average	12	2	М	1.54	44	41
July 1848	14	2	М	1. 25	44	44	July 1855	12	2	M	1. 25	41	44
	14	1	M	1. 33	11	"	Jan. 1856	12 12	2 1	M	1.25 1.50	46	11
Average	j	4	M	1. 331	11	"	Average	12	3	М	1.33½	**	11
Jan. 1849	14 14 14	2 1 1	M M M	1. 25 1. 33 1. 83	66	**	July 1856	12 12	1	M M	1.25 1.33	ee ër	11
Average	14	4	Л	1.411	46	61	Average	12	_2	M	1. 29	"	1.
July 1849	14 14 14	2 1 1	M M M	1. 25 1. 33 1. 83	6 6 6 6 5 6	66 66	Jan. 1857 July 1857 Jan. 1858	12 12 12	2 2 2	M M M	1.50 1.50 1.50	68 66	44
Average	'	4	M	1. 411		41	July 1858 Jan. 1859	12 12	1	М	1.50 1.50	44	"
Jan. 1850	14 14	2 1	M M	1. 25 1. 33	14	4 E 4 f	July 1859 Jan. 1860 July 1860	12 12 12	1 1 1	M M M	1.50 1.50 1.50	11	16
A word or	14	4	M	1.83	14	**	Jan. 1861		1	М	1. 25	46	66
Average July 1850	14	1	M	1. 41½ 1. 25	"	41	A =======	11 11	2	М	1.50	"	
o 41, 2007	14 14 -14	1 1	M M M M	1. 33 1. 42 1. 50	66 66	41 14 44	July 1861	11 11 11	1 1	M M	1. 25 1. 50	11	**
Average		6	M	1. 83	44	"	Average	11	2	М	1.371	ţţ	"
J an. 1851	14 14	1 1	M	1. 25	11	16	Jan. 1862	11 11	1	M M	1.25 1.50	11	41 11
	14	i	M	1. 83	**	11	Average	11	2	· M	1.371	44	16-
Average		3	M	1. 47	66	44	July 1862	11 11	1 1	M M	1.25 1.50	66	66
July 1851	14 14	1	M M	1. 25 1. 83	6.6	44	Average	11	2	M	1.371	**	44
Average	14	2	М	1. 54	11	41	Jan. 1863	11	2 1	M	1.25 1.50	11	11
Jan. 1852	12 12	1 1	M M	1. 25 1. 83	66	44	Average	11	3	M	1.33	"	**
Average	12	2	M	1. 54	"	4.6	July 1863	11	2	м	1. 25	44	**
J uly 1852	12 12	1 1	M M	1. 25 1. 83	"	44	Jan. 1864	11 11	$\frac{1}{2}$	· м М	1. 25 1. 50	**	44
$\mathbf{\Lambda}$ verage	12	2	М	1. 54	44	**	Average	11	3	м	1.41	**	**
Jan , 1853	12 12	1 1	M M	1. 25 1. 75	66	11	July 1864	11 11	12	M	1. 25 1. 50	66 46	44
Average	12	2	M	1.50	66	41	Average	11	3	M	1.411	**	44

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

TEAMSTERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1865	11 11 11	1 1 1	M M M	\$1.25 1.35 1,50	per	day.	Jan. 1879	10 10	1 1	M M	\$1.75 2.00	per	day.
Average	11	3	M	1.361	11	**	Average	10	2	M	1.871	11	11
July 1865	11 11 11	1 1 1	M M M	1. 25 1. 35 1. 50	11	66 66	July 1879	10 10	1 1	M	1.75 2.00	11	44
Average	11	1 3	M	1.361	61		Average	10	2	M	1.87	44	44
Jan. 1866	11 11	1 1	M M	1.50 2.00	"	11	Jan. 1880	10 10	1 1	M M	1.75 2.00	11	44
Average	11	2	M	1.75	41	64	Average	10	2	M	1.871	66	66
July 1866	11 11	1 1	M M	1.50 2.00	44	".	July 1880	10 10	1	M M	1.75 2.00	11	46
Average	11	2	M	1.75	4.6	66	Average	10	2	М	1.871	46	44
Jan. 1867	11 11	1	M M	1.50 2.00	66	"	Jan. 1881	10 10	1 1	M M	1.75 2.00	11	1.4 6.1
Average	11	2	M	1.75	44	**	Average	10	2	M	1.871	4.6	**
July 1867 Jan. 1868 July 1868	11 11 11	1 1	M M M	2.00 2.00 2.00	66 66	6 6 6 6	July 1881	10 10	1	M M	1, 75 2, 00	66	
Jan. 1869 July 1869 Jan. 1870 July 1870 Jan. 1871 July 1871 Jau. 1872 July 1872 July 1873 July 1873	11 11 11 11 11 11 11 11 11	2 2 2 2 3 3 4 4 3 3	M M M M M M M M M	2, 00 2, 00 2, 00 2, 00 2, 00 2, 00 2, 00 2, 00 2, 00 2, 00 2, 00 2, 00	64 61 64 64 64 64 64 64 64	66 66 66 66 66 66 66 66	Average Jan. 1882 July 1882 Jan. 1885 July 1883 Jan. 1886 July 1886 July 1886 July 1887	10 10 10 10 10 10 10 10	1 1 1 1 1 1 1 1	M M M M M M M	1. 87½ 2. 00 2. 00 1. 50 1. 50 1. 50 1. 50 1. 50 1. 50 1. 50 1. 50	46 46 46 46 46 46 46	11 11 11 11 11
Jan. 1874	11 11	2 1	M M	1.75 2.00	66	"	Jan. 1888	10 10	1 1	M M	1.30 1.50	11	6.6
Average	11	3	M	1.831	44	**	Average	10	2	М	1.40	14	66
July 1874	11 11	1 1	M	1.75 2.00	44	16	July 1888	10 10	1 1	M M	1.30 1.50	14	44
Average	11	2	M	1.871	"	"	Average	10	2	M	1.40	6.6	6.6
Jan. 1875	10 10	1	M M	1.50 2.00	44	44	Jan. 1889	10 10	4 1	M M	1.30 1.50		44
Average	10	2	M	1.75	41	**	Average	10.	5	M	1.34		4.6
July 1875 Jan. 1877 July 1877 Jan. 1878 July 1878	10 10 10 10 10	1 1 1 1 1	M M M M	1. 50 1. 75 1. 75 1. 75 1. 75	66 66 66	66 66	July 1889 Jan. 1890 July 1890 Jan. 1891 July 1891	10 10 10 10 10	6 6 6 6	M M M M M	1, 30 1, 30 1, 30 1, 30 1, 30	66 66	66 66 66

Jan. 1840 July 1841 Jan. 1842	14 14 14	1 1	M M M	1.04 1.04 1.08	- 44	day.		July 1843	14 14	1	M M	. 75 1. 08	per	day.
July 1842	14	i	M	1.08	44	44	-	Average	14	2	M	, 91 _{1/2}	44	4.6
Jan. 1843	14 14	1 1	M M	. 75 1. 08		66		Jan. 1844	14 14	1 1	M M	. 75 1. 08	44	
Average	14	2	M	. 91	**	44	- {	Average	14	2	М	. 911	4.6	**

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued. THIRD HANDS—Continued.

								_	1						
1	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of '	wages		Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wage
	July 1844	14 14	1 1	М	\$0.75 1.08	per	day.		July 1855	12 12	. 2	M M	\$1.00 1.17	per	day
	Average	14	2,	M	. 911	11	**		Average	12	4	M	1.081	41	44
	Jan. 1845	14 14	2 1	M M	. 75 1. 08	66	66		Jan. 1856	12 12 12	1 1 1	M M M	1.00 1.08 1.17	46	45 44 41
	Average	14	3	M	. 86	"	**			12	1	М	1, 25	61	4.6
	July 1845	14 14	1	M M	. 75 1. 08	44	44		Average July 1856	12 12	4	M M	1. 12½ .83	**	11
	A verage	14	2	M	. 911	6 6	61		o dry 1000	12 12	1	M	1.00 1.17	41	66
	Jan. 1846	14 14	. 1	M M	.75 1.08	**	"		A mome and	12	1	M M	1. 25		"
	Average	14	2	M	. 911	44	* *		A verage		4		_	44	
	July 1847	14 14	2	М	.75	44	"		Jan. 1857	12 12 12	2 1 1	M M M	1. 17 1. 25 1. 33		11
	Jan. 1848	14	1	M	.75 1.00	"	"		Average	12	4	M	1.23	4.6	
	Average	14	5	М	.80	41	"		July 1857	12 12	- 1	M M	1.00 1.25	44	44
	July 1848	14 14	2 2	M	1.00.	**	11			12	1	M	1.33	. 11	**
			1-	<u>M</u>	1. 25	64			Average	* ¹²	4	M	1.201	• •	6.6
	Average	14	5	M	. 95	44	44		Jan. 1858	12 12	1 1	M	1.00 1.17	11	E E
	Jan. 1849	14 14 14	1 2 1	M M M	. 75 1. 00 1. 25	11	"			12 12	2 1	M M	1. 25 1. 33	44	14
	Average	14	4	M	1.00	**	**		Average	12	5	М	1.20	44	41
	July 1849	14 14	1	M M	.75	44	11		July 1858	$\frac{12}{12}$ 12	1 5 1	M M M	1, 00 1, 25 1, 33	66, 66	11
		14	3	<u>М</u>	1.00	4.6			Average	12	7	M	1. 22½	66	* 1
	Average	14	5	M	. 921/3	**	"		Jan. 1859	12	3	M	1. 25	**	
	Jan. 1850	14 14	5	M M	.75 1.00	"	44	`	Average	12	1 4	M	1. 33	**	44
	Average	14	6	M	. 96	"	"	1	July 1859	12	4	м	1, 25	44	46
	July 1850 Jan. 1851 July 1851	14 14 14	4 4 4	M M M	1.00 1.00 1.00	4.4 4.6 6.6	66 65		Average	12	1 5	M	1. 33	**	44
	Jan. 1852	12 12	1 3	M M	. 75 1. 00	66	44		Jan. 1860	12	4	М	1. 25	"	"
	Average	12	4	м	. 931	**	"		Average	12	5	M	1. 33 1. 26½		"
	July 1852	12 12	1 3	M M	.75 1.00	"	**		July 1860	12 12	'4 1	M	1. 25 1. 33	44	tr tr
	Average	12	4	M	. 931	t t	11		A woro co	-		M	1. 261	11	66
,	Jan. 1853 July 1853 Jan. 1854	12 12	3 2 1	M M	1.00 1.00	61	66		Jan. 1861	12 11 11	5 4 1	M M	1, 25 1, 38	16	44
	July 1854	12 12 12	2	M M M	1. 17 1. 00 1. 17	44	46		Average	11	5	M	1. 261	"	14
	Average	12	3	M	1. 051	"		ļ.	July 1861	11	4	м	1. 25	**	48
	Jan. 1855	12	1	м	1.00	44	"		Average	11	5	M	1. 33		41

RATES OF WAGES!

TABLE XII.--RATES OF WAGES FOR 52 YEARS-Continued.

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS-Continued.

				T	IIRI	HAN!	DS—Continu	ied.					
Payroll of	Hours per day.	Different employés.	Şex.	Rate	of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages
Jan. 1862	11	3 1	M M	\$1, 25 1, 33	per	day.	Jan. 1870 conc'd.	11 11	1 2	M M	\$1, 67 1, 83	per	day.
Average	11	4	M	1. 27	4.6	44	Average	11	4	M	1.701	6.6	4.6
July 1862	11 11	1 1	M M	1. 17 1. 25	14	64	July 1870	11 · 11 · 11 ·	1 1 2	M M M	1.50 1.67 1.83	44 44	11
Average	11	2	M	1. 21	44	44	A ==0=0		4	M	1.701	44	66
Jan. 1863	11 11	1 1	M M	. 75 1. 33	46	44	Jan. 1871	- 11	2 2	M	1. 67 1. 83	6.6	16
Average	11	2	M	1.04	44	**				<u> </u> -	!	6.6	46
July 1863	11 11	1 1	M M	. 75 1. 33	66	14	Average July 1871	11	2	M	1. 75	"	"
Average	11	2	М	1.04	**	44		11	2	M	1.83	46	66
Jan. 1864	11	1 1	M M	1. 25 1. 58	66	44	Jan. 1872	11	1	M	1.75	44	11
Average	11	2	M	1.41		"	July 1872 Jan. 1873	11	1	M	1. 67 1. 67	66	44
July 1864	11	1	M	1. 67	44	44	July 1873 Jan. 1874	11.	1 1	M	1. 67 1. 67	66	44
Jan. 1865	11	1	M M	1.42 1.67	64	64	July 1874 Jan. 1875 July 1875	11 10 10	1 1	M M M	1. 67 1. 67 1. 67	44	**
Average	- 11	2	M	1.54	. "	**	Jan. 1876 July 1876	10 10	1 1	M	1. 67 1. 67	44	6.6
_	11	1	м	1.50		44	Jan. 1877 July 1877	10	1	M	1.83 1.83	44	66
July 1865	11	1	M	1.67	6.6	66	Jan. 1878 July 1878	10	î	M	1.83	44	66
Average	11	2	M	1.58	11	41	Jan. 1879	10:	1	M	1, 33	4.6	11
Jan. 1866	11	2	М	1.58	44	14	0 all. 1015	10	1 4	M	1.50	**	66
	11	1 2	M	1. 67 1. 75				10 10 10	1 1	M	1: 65 1. 80	"	**
Average	11	5	M	1, 66			Average	10,	. 8	M	1.581	44	44
July 1866	11	1	M	1.58 1.67	44	46	July 1879	10 10	1 1	M M	1.33 1.50	44	46
Average	11	2	M	1.62	14	"	i.	10	4	M	1.60 1.65	66	44
Jan. 1867	11 11	1	M	1.71 1.75	66	44		10	8	M	1.80		**
Average	11	2	.M.	1.73		61	Average	İ		i			4.6
July 1867	11 11	1 1	M	1.71 1.75	66	"	Jan. 1880	10 10 10	1 1 4	M M M	1.33 1.50 1.60	6.6	44
Average	11	2	M	1. 73	- 44	44		10	1 1	M	1.65 1.80	6.6	66
Jan. 1868	11 11	1 1	M M	1.58 1.67	44	"	Average	. 10	8	М	1. 583		**
	11 11	1	M	1.75 1.83	44	44	July 1880	10	1	М	1, 33	44	44
Average		1 . 4	M	1.70	. "	"		10 10 10	1 4 1	M M M	1.50 1.60 1.65	66	44
July 1868	11 11 11	1 1 1	M M M	1. 58 1. 67 1. 83	66 °	"	Average	10	8	M	1. 58	46	44
Average		3	м	1.69	. "	44	Jan. 1881	10 10	1 1	M	1.33 1.50	66	44
Jan. 1869 July 1869	11 11	1 1	M	1. 67 1. 67	6 4 4 4	44		10 10 10	6 1 1	M M M	1.60 1.65 1.80	**	46
Jan. 1870	11	1	M	1, 50			Average		10	M	1, 59	**	44

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued THIRD HANDS—Concluded.

Payroll of—	Hours per day	Different employés.	Sex.	Rate of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages,
Jul y 1881	10 10 10	1 1 6	M M M	\$1.33 per d 1.50 " 1.60 "	ay.	Jan. 1887	10 10	9	M M	\$1.55 1.75	per day.
	10 10	1 1	M M	1.65 "	46	Average	10	10	М	1.57	** **
Average	10	10	M	1.59 "	66	July 1887	10 10	9	·M	1.55 1.75	64 46 16 66
Jan. 1882	10	1	M	1.33 "	64	Average		10	М	1.57	\
	10 10 10	12 1 1	M M M	1. 60 " 1. 67 " 1. 80 "	44 44	Jan. 1888	10 10	8 1	M M	1.55 1.75	66 66 16 46
Average	10 *	15	M	1. 60 **	44	Average	10	9	м	1. 57	44 44
July 1882	10 10 - 10 10	1 12 1	M M M M	1. 33 " 1. 60 " 1. 72 " 1. 80 "	66 66 66	July 1888	10 10	8	71 71	1. 55 1. 75	45 45
Average	10	15	M	1.601	44	Average	10	9	М	1.57	11 41
Jan. 1883	10 10 10	1 10 1	M M M	1. 40 " 1. 60 " 1. 75 "	6 6 6 6 6 6	Jan. 1889	10 10 10	7 1 1	M M M	1. 52 1. 55 1. 75	66 66 66 66
Average	10	12	M	1.591 "	44	Average	10	9	Л	1. 55	
July 1883	10 10 10	100 1	M M M	1.00	46	July 1889	10 10 10	7 1 1	M M M	1. 52 1. 55 1. 75	66 66 64 66
Average	10	12	M	1.591 "	**	Average	10	9	м	1.55	66 46
Jan. 1884	$\begin{array}{c} 10 \\ 10 \end{array}$	10 1	M M	1.00	66	Jan. 1890	10 10	1 1	M M	1.50 1.52	16 - 46 66 - 16
Average	10	11	M	1.611 "	41	, ,	10 10 -	$\begin{bmatrix} 1 \\ 2 \end{bmatrix}$	M M	1.67 1.75	11 11
July 1884	10 10	10 1	M M	1.00	tt	Average	10	6	M	2. 25 1. 74	11 46
Average	10	11	M	1.611 "	44	July 1890	10	1	M	1.50	11 41
Jan. 1885	10 10 10	8 1 1	M M M	1.60 "	44 44	dary 1890	10 10 10 10	1 1 2 1	M M M	1. 52 1. 67 1. 75 2. 25	11 41
Average	10	10	M	1.571 "	**	Average	10	6	- <u>M</u>	1.74	44 44
July 1885	10 10 10	.1	M M M	1.60 "	6 6 6 6 6 6	Jan. 1891	10	1 2	м	1. 67	66 66
Average	10	10	M	1.57½ "	"		10 10 10	1 1	M M M	1.75 2.00 2.25	11 11
Jan. 1886	10 10	·9 1	M M	1.00	"	Average	10	5	M	1.881	16 18
Average	10	10	М	1. 57 "		July 1891	10	1	M	1. 67	
July 1886	10 10	9	M M	1.00	44		10 10 10	- 2 1 1	M M M	1.75 2.00 2.25	11 11
Average	10	10	M	1. 57 "		Average	10	5	M	1.881	66 66

WARPERS.

Jan. 1844 July 1844	14 14	1 3	F	. 42	per day.	Jan. 1846	14	1	F	.38	per	day.
Jap 1845	14 14	1	F F	38 .42	15" 46 16 16	July 1846	· 14 14 14	3 1 1	F F	. 38 . 45 75	1 44	11 11
Average	14	2	F	.40	44 , 44	Average	14	5	F	. 47	66	**

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

WARPERS-Continued.

	<u> </u>								1				
Payroll of-	Hours per day.	Different en ployés.	Sex.	Rate	of w	ages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of	vages.
Jan. 1817 Jan. 1857	14 12	1 1	F M	\$0.75 .52	bér c	lay.	Jan. 1861	11 11 11	, 1 1 1	F F	\$0.40 .41 .46	**	day.
July 1857	12	1	F	, 40	66	64		11	. 1	F	.50	11	**
	12 12	1 1	M F	. 52			ĮĮ.	11 11	2	F	, 60	4.4	4.6
4	12	1	F	. 55	16	11		11	1	F	, 62	4 6	66
	12 12	1	F M	60	66	44	1	11 11	1	F	. 67	41	66
	12	1	F	. 67	4.4	6.6	1	îî	î	F	. 83	* *	6.6
	12 12	1	F	. 75	44	14	A	11	11	F	. 581	44	66
	1.5		F	. 65			Average	11			-		
Average	12	9		. 61	4.4	4.4	July 1861	11	. 1	F	. 46	44	61
Jan. 1858	12	1	F	.44	41	44		11	3	F	.º50 . 51	4.6	66
0 all. 1000	12	î	F	. 54	64	44		. 11	1	F	. 56	41	44
	12	1	F	. 55	4.6	66	1	11	2	F	. 60	41	44,0
	12	1	M F	. 56 . 60	11	61		11 11	. 1	F	.70	4.6	1.6
	12	1	M	. 67	11	£ L	1	11	1	F	. 80	44	66
	12 12	1 1	F	.70	11	11 -		11	: 1	F	. 83		
	12	. 1	F	. 85	14	**	Average		12	F	. 603	: "	44
Average	12	9		. 63	4.4	44	Jan. 1862	11 11	1	F	. 53	44	**
July 1858	12	1	F	. 46	4 4	44		111	1	F	. 56	6.4	6.6
,	12	1	F	. 55	44		-	11	2	F	. 60	6.6	44
	12 12	1	F M	. 58	44	44		11	1	F	. 80	,	
,	12	1	F	. 63	4.4	6.6	Average	11	6	F	. 59	4.4	4.4
	12	1	M	. 67	44	1 1 1 1			,	F	45		4.4
	12 12	1	F	.70	4.4	44	July 1862	11 11	1 1	F	. 45		4.6
			<u>ٿ</u>	·			1	11	1	F	. 60	66	4.6
Average	12	8		. 62½	44	**		111	1 1	F	. 63	1.6	44
Jan. 1859	12	. 1	F	. 46	4.4	6.6				-	-!	-	
	12	1	F	. 55	**	11	Average	11	5	F	. 61	4.4	**
-	12 12	1	F M	. 58		41	Jan. 1863	11	1	F	. 60	44	44
	12	1 1	F	. 63	6.6	4.6	July 1863	11	ī	F	. 60	4.4	
	12	1	M	. 70	16	46		11	1	F	. 65		64
,	_12 _12	1	F	.72		11	Jan. 1864	11	1	F	. 88	14	4.4
							1	îĩ	1	F	, 90	4.4	4.4
Average		8		. 63	44	- 11	Average	11	3	F	. 81		44
July 1859	12 12	1 1	F	. 33	4.6	44	July 1864	11	1	F	. 78	11	ŧt
	12	1	F	.50	**	LL	o day tame	11	1	F	. 90	11	44
	12 12	1	M F	60	11	44	li .	11	1	F	. 95		••
	12	1	F	.80	4.6	4.6	Average		3	F	. 87		**
Average	12	6		. 54	44	44	Jan. 1865	11	1	F	. 67	44	4.5
Jan. 1860	.12	1	F	. 36		**		11	1	F	. 83	_	
2 321, 2000	12	. 2	F	. 50	1.6	44	Average	11	2	F	7.75	1.6	4.4
	12	1	F	. 60	44	66	July 1865	11	2	F	. 67		64
	12 12	1	F	. 65	4.6	4.4	July 1805	111	ı	F	.90	1.1	6.6
	12	î	F	. 80	44	4.4				-		1 11	44
Average	12	7	F	. 59		44	Average	11	^ 3	F	.74	2	
	12	•					Jan. 1866	11	1	R	. 83		. 44
July 1860	12	1	F	. 26	11	14		11	1 3	F	. 90	44	44
	12 12	1 3	F	. 50	66	6 6 4/4		11	1	M	1.00		11
	12	1	F	. 62	11	**	ļ	îî	ī	F	1.25	4.6	**
	12	1	F	. 65	"	66	Average	/11	- 7	-	96	1 "	**
	12 12	1 1	F	. 75	44	64	Average	11		1		_	
A-			-			**	July 1866	11	2	M F	1.00	41	44
Average	12	9	F	59	,	••	II.	11	٠. ١	- 20	. 1.00		

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued, WARPERS—Continued.

Payroll of—	Hours per day.	Different employés.		Rate	of	wages.	Payroll of—	Hours per day.	Different employés.		Rate	of	wages.
July 1866- cone'd.	11	1	F F	\$1.25 1.33	1.	r day.	Jan. 1872	11 11 11	1 1 2	F F F	\$1.00 1.16 1.20	per 	day.
Average	11	5		1.113	4.6	44	Average	11	4		1.14	- 16	44
Jan. 1867-	11 11 11 11 11	1 1 1 1 2	M F F F	1.00 1.00 1.09 1.10 1.25	61 66 64	44 44 45 46	July 1872	11 11 11 11	1 2 1	F F	1, 00 1, 20 1, 23	46 46 68	64 64
Average	11	6		1. 111	64	4.6	Average		4	F	1, 151		
July 1867	11 11 11	, 1 , 1 1	F M F	1.00 1.12 1.17		44	Jan. 1873	11 11 11	1 1 1		1.00 1.06	11	46
		2	F	1. 25			Average		3	F	1.01	**	**
Average Jan. 1868	11 11 11	5 1 1	F F	1.16 .90 1.00	65	64	July 1873	11 11 11	. 1 . 1	F F	1.00 1.12 1.16	16 11	11
/	11	- 1	F M	1. 10 1. 12	44	44	Average	11	3	F	1.091	44	44
Average	11	4		1.03	44		Jan. 1874	11 11 11	1 1 1	F F	1. 00 1. 10 1. 12	16	44
July 1868	11 11	$_{1}^{2}$	F	1.00 1.07	16	44	Average	11	3	F	1.07	44	44
	11	1	М	1.10	4.6	44	July 1874	- 11	1	F	1.00		44
Averagê	11	4		$1.04\frac{1}{2}$	6.6	44	5	11 11	1	F	1.10	64	66
Jan. 1869	11 11	1 3	F	1.00	4.6	4.6	Average	11	3		1.09		**
`	11	1	М F	1. 12 1. 18	14	41	Jan. 1875	10 10	1 2	F	1. 25 1. 40	"	16
Average	11	6		$1.01\frac{1}{2}$	44	44	Average	10	3		1. 35	,,	14
July 1869	11 11 11 11	$\begin{array}{c} 1\\2\\1\\1\end{array}$	F F M	. 84 1. 00 1. 08 1. 12	14 44 45	44 44	July 1875	10 10	1 2	F	1. 25 1. 50		14
	11	1 '	F	1. 20	4.6	44	Average	10	. 3	F	$1.41\frac{1}{2}$	4.6	**
Average	11	6		1.04	44	44	Jan. 1876	10 10	$\begin{bmatrix} 2 \\ 1 \end{bmatrix}$	F	1. 00 1. 25	6 6 6 8	11
Jan. 1870	11 11 11	1 1 1	F F	. 80 . 86 . 96	44	"	Average	10	3	F	1, 081	44	44
	11 11 11	3 1 1	F	1. 00 1. 16 1. 20	66 66	44 44	July 1876	10 10 10	1 1	F	$\begin{array}{c} .98 \\ 1.00 \\ 1.25 \end{array}$	46	66 66
\mathbf{A} verage	11	8	F	. 991	4.6	44	Average	10	3	$ar{\mathbf{F}}$	1,071	4.6	44
July 1870	11 11 11	1 1 2	F F	. 84 . 98 1. 00	44	66 66 68	Jan. 1877	10 10	1 2	F	. 98 1. 00	66	41
	11	1	F	1. 20	44	44	Average	10	3	F	, 991	44	64
Average	11	5	F	$1.00\frac{1}{2}$	44	44	July 1877	10	3	F	1.00	44	44
Jan. 1871	11 11	2 2	F	1, 00 1, 20	11	**	Jan. 1878	10 10	2	F	1.00 1,10	**	44 44
Average	11	4	F	1.10	44	44	Average	10	3	F	1.031	**	41
J uly 1871	11	1		1.00	6.6	44	July 1878	10	2	F	1.00	44	44
	11	1	H.	1. 10 1. 12	44	44	A WOTO C:	10	1	F	1. 10		
Average	11	1	!-	1, 20	**	44	Average Jan. 1879	10 10	3	F F	1.031 .60	16	44
	14 1	* 1	P	1. 101	•••	-	1	10	2	F	. 75	66	41

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

WARPERS-Continued.

Payroll of -	Hours per day.	Different employés.	Sex.	Rate	of w	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1879- conc'd.	10 10 10	. 1	F F	\$0.90 .98 1.12	per	day.	Jan. 1883- cone'd.	10 10 10	, 1 4 1	F F F	\$0.90 1.00 1.20	per	day.
Average	10	. 6	F	. 85	11	44	Average	10	8	F	, 97	46	66
July 1879	10 10 10 10 10 10	1 1 1 1 1 1	FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	. 67 . 75 . 86 . 90 1. 00 1. 12	66 65 64 66	6 + 6 4 6 4 6 4 6 4 6 4 6 4 6 4 6 4 6 4	July 1883	10 10 10 10 10 10	1 1 1 4 2 1	FFFFF	. 80 . 86 . 90 1. 00 1. 20 1. 25	46 46 46 46	66 66 66 66
Average	10	8	F	. 881	64	44	Average	10	10	F	1.02	**	4.6
Jan. 1880	10 10 10 10 10	1 1 1 1 1	FFFF	.70 .85 .90 1.12 1.20	61 61 64 61	14 14 14 14	Jan. 1884	10 10 10 10	1 5 1 2	F F F	. 90 1, 00 1, 20 1, 25	46 46 61	46 44
Average	10	. 5	F	. 95½	6.6	44	Average	10	9	F	1.06	"	4.6
July 1880	10 10 10 10	1 1 1 1	F F F	. 75 . 85 . 95 1. 12	66 66 66	41 41 41	July 1884	10 10 10	5 1 2	F F	1.00 1.20 1.25	11 11	4 E 6 E
	10	1	F	1. 23	44	44	Average	10	8	F	1.08	44	4.6
Average Jan. 1881	10	5	F	. 98	64	44	Jan. 1885	10 10	5	F	1.00 1.20	64 64	16 16
	10 10 10	2 1 2	F	. 80 . 90 1, 00	61 61 65	44	Average	10	8	F	1. 25		"
7.	10 10 10	1 1 1	F F	1. 12 1. 15 1. 20	46	"	July 1885	10 10	1 5	F	. 40 1. 00	44	11
Average	10	9	F	. 921	**	66		10 10	1 2	F	1. 12 1. 25	44	66
July 1881	10 10 10	1 1 2	F	. 35 . 70 . 80	44	44 44	Average	10	9	F	1.00	"	66
	10 10 10 10	1 1 1 1	M F F F	. 90 . 90 1. 00 1. 12 1. 15	66 66	66 66 64 64	Jan. 1886	10 10 10 10	1 3 1 2	FFF	1. 00 1. 12 1. 25	46 46 46	46 46 46 65
	10	1	F	1. 20	**		Average	10	7	F	. 60	44	44
Average Jan. 1882	10 10 10	10	F	. 89	"	"	July 1886	10 10 10 10	1 3 1 2	F F F	1.00 1.12 1.25	44	44
	10 10	3 1	F	.80	64	44	Average	10	7	F	1.03		44
	10 10 10 10	1 1 1 1	FFF	1. 10 1. 12 1. 20	66	66 66 64	Jan. 1887	10 10 10	1 1 1	F F	1. 00 1. 10 1. 25	66 66 66	66 66
Average	10	10		. 891	16	44	Average	10	3	F	1. 11		41
July 1882	10 10 10	1 3 2	F	. 65 . 80 . 90	66 66 66	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	July 1887	10 10 10	, 1 1 1	F F F	1.00 1.20 1.25	44 44 41	44
	10 10	1 1 1	M F F	1.00 1.10 1.20	66	66	Average	10	В	F	1. 15	"	44
Average	10	9	F	. 901	44	"	Jan. 1888	10 10 10	1 1 1	F	1.00 1.20 1.25	66 66	44 44
Jan. 1883	10	1	F	. 80	64 64	66 65	Average		3	F	1, 15	- 46	44

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

WARPERS-Concluded.

Payroll of—	Hours per day.	Different employés.		Rate	of	wages.	Payroll of -	Hours per day.	Different employés.]	Rate	of	wage
July 1888	10	1	F	\$1,00	per	day.	July 1890	10	3	М		00	per	day.
	10 10	1	F	1. 20 1. 25				10 10	1 2	F M		00 25	**	44
Average	10	3	F	1. 15		64	Average	10	6		1.	081		44
Jan. 1889	10	1	F	1.00	4.6	44								
40.	10	1	F	1. 20	14	+ 4	Jan. 1891	10	2 2	М	٦.	00	11	4.6
Average	10	2	F	1.10				10 10	2	F M		00	46	6 i
_		,	. v	7 00	41	64		10	2	M		20 25	44	66
July 1889	10	1 1	M F	1.00	14	44		<u> </u>						
	10	Ī	M	1. 25	4.6	14	Average	10	7 -		1.	10	.1	**
Average	10	3		1.081	4.6	4.6	ı							
-		,		1			July 1891	10	3	М		00		4.6
Jan. 1890	10	2	M	1.00	4.6	44	!	10	3	F		00		4.6
	10 10	$\frac{1}{2}$	F M	1.00 1.25	**	44		10 10	2 I	M M		25 28		44
Average	10	5		1. 10	44	*	Average	10	8		1.	091	4.6	44
					1	WASTE	PICKERS.		-					
Jan. 1864 July 1864	11 11	5 5	F	. 33	per	day.	Jan. 1870	11	7	F		50 83	per	day.

Jan. 1864 July 1864 Jan. 1865	11 11 11	5 5 5	F	.33 per day .33 '' ''	Jan. 1870	11 11	7 1	F	. 50 . 83	per day.
July 1865	11 11	5 2	F F	.40 " "	Average July 1870	11	8	F	. 54	
Average	11	7	F	.45	July 1870	. 11	í	F	. 83	** **
Jan. 1866	11 11	5 2	F F	.50 " "	Average	11	8	F	. 54	
Average	11	7	F	.57 " "	Jan. 1871 July 1871	11	6	F	. 50	11 11
July 1866	11 11	5 2	F F	.50 " "	Jan. 1872 July 1872 Jan. 1873	11 11 11 11	6 3 3	FFF	. 50 . 50 . 40	41 44 44 44 44 44
Average'	11	7	F	. 57 " "	July 1873 Jan. 1874 July 1874	11 11 11	3	F F	.40	
Jan. 1867	11 11	9 1	F	.50 44 44	Jan. 1875 July 1875 Jan. 1876	10 10 10	3 3 4	F F	. 40	66 46 86 88
Average	11	10	F	. 531 11 11	July 1876 Jan. 1877	10 10 10	4 5 5	F	.40	44 44
July 1867	11 11	11 1	F	. 50 " "	July 1877 Jan. 1878 July 1878	10 10 10	5 6 6	F F	.40	61 66 61 66
Average	11	12	F	. 521 11 11	Jan. 1879 July 1879	10 10	6	F	.40	£6 68
Jan. 1868	11 11	8 1	F	.50 """	Jan. 1880 July 1880	10 10	6	F	. 40 . 40	14 44
Average	11	9	F	. 531 " "	Jan. 1881 July 1881	10 10	6 6	F	. 40	44 44
July 1868	11 11	8 1	F	,50 " " .83 " "	Jan. 1882	10 10	4 3	F F	. 40 . 45	15 66 18 66
Average	11	9	F	. 531 " "	Average	10	7	F	. 42	46 66
Jan. 1869	11 11	6 1	F	. 50 ""	July 1882	10 10	4° 4	F F	. 40 . 45	44 44
Average	11	7	F	. 541 11 11	Average	10	8	F	. 421	44 66
July 1869	11 11	6 1	F	.50	Jan. 1883	10 10	5 2	F	. 45 . 50	66 48
Average	11'	7	F	.541 " "	Average	10	7	F.	. 461	64 45

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS - Continued.

WASTE PICKERS-Concluded.

Payroll of -	Hours per day.	Different employés.	Sex.	Rate 6	of wages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of y	vages.
July 1883	10 10	4 3	F	\$0.45 1 .50	er day.	Jan. 1887 July 1887	10 10	5	FFF	\$0,50 .50	per	day.
Average	10	7	F	. 47		Jan. 1888 July 1888	10 10	4 2	14,	. 50	4.6	6.6
-	10	6	F	. 50	14 14	Jan. 1889 July 1889	10	1	F	. 50	6.6	11.
Jan. 1884 July 1884	- 10	7	\mathbf{F}	. 50	11 11	Jan. 1890	10	4	F	.50	66	4.6
Jan. 1885	10	5	F	. 50	44 44	July 1890	10.	4	F	, 50	44	66
July 1885 Jan. 1886	10	5 5	F		44 64	Jan. 1891 July 1891	10 10	4	F	.50	65	66
July 1886	10	` 5	F	.50		0 413 2002	1	1	-	1.50		
	1	I	1		WAT	CHMEN.	1	<u> </u>	1	1		
		1.	1	1.10	1	T-1-1045	1,4			1 00		1-
Jan. 1840 Jan. 1842	14 14	4 5	M	1. 10	per day.	July 1847 Jan. 1848	14.	4	M	1.06	per	day.
July 1842	14	5	M	1, 10	16 44	July 1848	14.	4	M	1.06	4.6	4.6
Jan. 1843	14	1	M	. 80	11 11	Jan. 1849	14 14	4 4	M	1.06 1.06	4.4	64
9811. 1049	14	4	M	1.06		July 1849 Jan. 1850	14	4	M	1.06		4.6
,	14	1	M	1. 12		July 1850	+14	4 5	M	1, 06	14	
Average	-14	6	M	1.023	** **	Jan. 1851 July 1851	14	5	M	1, 06 1, 06	14	4.6
_				_	46 46	Jan. 1852	12	5	M	1,06	1.4	4.4
July 1843	14	1 4	M	1.06	14 15	July 1852	12	1	M	1.00	44	46
	14	1	M	1. 12			12	. 8	- M	1.06		
Average	1	6	M	1.02	11 11	Average		9	M	1.051		
Jan. 1844	14 14 14	1 4 1	M M M	1.06 1.12	16 16	Jan. 1853	12 12	1 8	M M	1.00	44	66
Average	14	6	M	1,021	44 44	Average	12	9	M	1.05		4.4
July 1844	14	2	M	. 80	46 66	July 1853	12 12	1 8	M	1.00 1.06	11	64
0 11, 1011	14	1	M	. 87	44 44	ĺ.			36	-}		
	14 14	1 1	M M	1.06 1.12	11 11	Average	12	9	M	1.05		**
	14	i	M	1.79	£1 £4	Jan. 1854	12	1	M	1.00	66	44
Average	14	9	м	1.07	46 46		12	8	M	1.06		
Jan. 1845	14	~ 4	м	1.06	** **	Average		9	M	1.051		41 '
July 1845	14	1	м	. 75	14 46	July 1854	12 12	1 8	M	1.00 1.06	**	66
~	14 14	3 2	M	. 83	11 11	Average	12	9	M	1.051		44
	14	1	M	. 88	14 44	1	1 .	-	1	1		
	14 14	1 5	M	1.00 1.06	46 44	Jan. 1855	12 12	1 8	M	1.00 1.06	44	64
	14	1	M	1. 25	16 16	Averoge		9	M	1.05	. "	**
Average	14	14	M	. 951	15 46	Average	12	4	M	1.06	44	44
Jan. 1846	14	1	M	. 75	11 11	July 1855 Jan. 1856	12	6	M	1,06	14	66
	14	1	M	. 84	44 44	Table 1050	12	3	M	1.06		44
	14 14	1 4	M	1, 06	14 44	July 1856	12	1	M	1.12	44	44
	14	i	M	1. 17	44 44	l .	I—,		-			"
Average	14	8	M	. 981		Average	12	4	M	1.07	8	
		1		1 . 7	11 11	Jan. 1857	12	4	M	1.06	44	44
July 1846	14	1 4	M	1.06	16 66	July 1857 Jan. 1858	12 12	4	M	1.06 1.06	44	**
	14	4	IVI	1.00		July 1858	12	6	M	1.06	14	44
Average	14	5	M	1.011	64 64	Jan. 1859	12	5	M	1.06	64	16
Jan. 1847	14	1	M	. 84	44 44	July 1859 Jan. 1860	12	3 2	M	1.06	44	44
овп. 1947	14 14	3	M	1.06	66 16	July 1860	12	2	M	1,06	44	44
Average	14	4	М	1.001	66 66	Jan. 1861 July 1861	11	4	M	1.00	**	**
Average	14	4	М	1.001	66 66	July 1861						

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued. WATCHMEN—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	e of	wages.
Jan. 1863 J⊯ly 1863 Jan. 1864	11 11 11	8 8 4	M M M	\$1.00 1.00 1.42	per	day.	July 1876 Jan. 1877	10 10	8 8	M M	\$1.50 1.50	per	day.
July 1864	11	4	M	1.67	44	61	July 1877	10 10	7	M	1.50	66	
Jan. 1865 July 1865	11	4 5	M	1.67 1.67	44	64			1	M	1.75	. "	
Jan. 1866 July 1866	11 11	5 3 4 5 3	M	1.75 1.75	66	44	Average	10	8	М	1.53	t t	44
Jan. 1807	11	4	M	1.75	11	44	Jan. 1878	10	8	M	1.50	44	44
July 1867 Jan. 1868	11 11	5	M	1.75 1.75	44	44	July 1878 Jan. 1879	10 10	8 3 3	M	1.50	44	66
July 1868	11	ž	M	1.75	6.6	66	July 1879	. 10	3	M	1.50	4.4	44
Jan. 1869 July 1869	11 11	5 5	M	1.75 1.75	11	66	Jan. 1880 July 1880	10 10	3 3	M	1.50	46	44
Jan. 1870	11	4	M	1.75	66	44	Jan. 1881	10	3 5 5	M	1.50	++	44
July 1870	11	4	M	1.75	**	**	July 1881 Jan. 1882	10	5 5	M	1.50	14	44
Jan. 1871	11	1	M	1.67	44	44	July 1882	10	5	M	1.50	64	44
	11	4	M	1. 75	**		Jan. 1883 July 1883	10 10	6	M	1.50 1.50	14	44
Average	11	5	M	1. 731	6.6	44	Jan. 1884	10	4	M	1.50	44	66
July 1871	11	1	M	1. 67 -	44	44	July 1884 Jan. 1885	10 10	. 4	M M	1, 50 1, 50	44	44
·	11	4	M	1.75	44	4.6	July 1885	10	4	\mathbf{M}	1.50	46	44
Average	11	5	M	1. 73½	44	44	Jan. 1886 July 1886	10 10	4 4 5	M M	1.50 1.50	6.6	4.6
Jan. 1872	11	8	M	1.75	4.4	s 6	Jan. 1887 July 1887	10 10	5 5	M M	1.50 1.50	48	16
July 1872	11 11	1 7	M M	1.50 1.75	46	44	Jan. 1888	10 10	2 2	M M	1.50 1.60	41	11 11
Average	11	8	M	1.72	. 6	6.6	Average	10	4	М	1, 55	4.4	**
Jan. 1873	11 11	7	M M	1.50 1.75	66	**	July 1888	10 10	$\frac{2}{2}$	M M	1. 50 1. 60	64 66	46
Average	11	8	м	1.72	46	44	Average	10	4	М	1.55	44	44
July 1873	11 11	2 6	M M	1.50 1.75	£ 6	"	Jan. 1889	· 10	2 2	М	1.50 1.60	44	66
Average	11	. 8	M	1.683	4.6	44	Average	. 10	4	M	1. 55		44
Jan. 1874	11 11	5 3	M M	1.50 1.75	16	86	July 1889	. 10 10	2 2	M M	1.50 1.60	4	EL P
Average	11	8	M	1. 595	44	66	Average	10	4	М	1. 55	44	44
July 1874	11 11	3 5	M M	1.50 1.75	44	44 %	Jan. 1890	10 10	$\begin{bmatrix} 2\\2 \end{bmatrix}$	M M	1.50 1.60	44	46
Average	11	8	M	1.651	61	41	Average	10	4	М	1,55	44	tt
Jan. 1875	10 10	4 4	M M	1.50 1.75	44	**	July 1890	10 10	2 2	M M	1.50 1.60	44	44
Average	10	8	M	$1.62\frac{1}{2}$	**	64	Average	. 10	4	M	1, 55	46	14
July 1875	10 10	7	M M	1, 50 1, 75	14	44	Jan. 1891	10 10	2 2	M M	1.50 1.60	44 14	44
Average	10	8	M	1. 53	+4	44	Average	: 10	4	M	1, 55	**	44
Jan. 1876	10 10	6 2	M M	1.50 1.75	6 6 6 5	44	July 1891	10 10	2	M M	1.50 1.60	16	44
Average	10	8	М	1.561	4.6	**	Average	. 10	4	М	1, 55	1.6	"

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued. WEAVERS.

[The wages given below are prices per cut paid for weaving sheetings 46 inches wide, 48 yards per cut.]

Payroll of—	Hours per day.	Different employés.		Rate of wages.	Payroll of—	Honrs per day.	Different employés.	Sex.	Rate of wages.
Payroll of— Jan. 1846 July 1846 Jan. 1847 July 1847 Jan. 1848 July 1848 Jan. 1849 July 1850 July 1851 July 1851 July 1852 Jan. 1853 July 1852 Jan. 1854 July 1855 July 1856 July 1859 July 1859 July 1859 July 1859 July 1859 July 1859 July 1859 July 1859 July 1859 July 1859 July 1859 July 1859 July 1859 July 1850	per	Diffictions		\$0. 32 per cut. 32 " " 33 " " 34 " " 35 " " 36 " " 37 " " 38 " " 39 " " 30 " 30 " " 30		per		Sex.	\$0. 42 per cut. 43 "" 43 "" 43 "" 43 "" 43 "" 43 "" 43 "" 47 "" 47 "" 48 "" 47 "" 48 "" 50 "" 60 ""
July 1861 Jan. 1862 July 1862 Jan. 1863 July 1863 Jan. 1864 Jan. 1865 July 1865 July 1865 Jan. 1866 July 1865 Jan. 1867 Jan. 1868 July 1868	11 11 11 11 11 11 11 11 11 11 11	15 10 10 19 8 6 16 10 45 52 55 54 53	FEFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	34	July 1884 Jan. 1885 Jan. 1886 July 1885 July 1886 July 1887 July 1887 Jan. 1888 July 1888 Jan. 1889 Jan. 1890 July 1890 Jan. 1891 July 1891	10 10 10 10 10 10 10 10 10 10 10 10 10	65 70 60 60 60 62 62 62 64 60 63 63 62 64 65	FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	.58

[The wages given below are prices per cut paid for weaving sheetings 42 inches wide, 44 yards per cut.]

		1	1							- 1
10	25	F	.48 per cut.	July 1883	10	17	F	. 33	per	cut.
10	25	F	.48 11 11	Jan. 1884	10	18	F	. 33		6.6
10	20	F	.48 11 11	July 1884	10	18	F	. 33	4.4	1.1
10		F	.42 " "	Jan. 1885	10	19	F	. 33	1.4	4.6
10	18	F	. 42 " "	July 1885	10	17	\mathbf{F}	. 33		11
10	18	F	* . 38 ** **	Jan. 1886	10	17	\mathbf{F}	. 33		4.6
10	19	F	. 36 " "	July 1886	10	17		. 33		6.6
10	19	F	. 33 " "	Jan. 1887	10	18	F	. 33	4.4	66
10	15	F	. 33 " "	July 1887	10	18	F	. 33	6	4.6
10	10	F	.33 " "	Jan. 1888	10					44 -
10	10	F	. 33 ""	July 1888	10	16				i i
	12	\mathbf{F}	. 33 44 44	Jan. 1889	. 10	16	F			11
10	12	F	. 33 " "	July 1889	10	17				11
10	14	F	. 33	Jan. 1890	10	17				. 46
10	13		. 33 " "	July 1890	10		F			44
10	15	F	. 33 " "	Jan. 1891	10	18				66
10	16	F	. 33 " "	July 1891	10	18	F	. 33	11	46
				"						1
	10 10 10 10 10 10 10 10 10 10 10 10 10	10 25 10 10 18 10 18 10 18 10 19 10 19 10 15 10 10 10 10 12 10 12 10 14 10 13	10	10	10	10	10	10 25 F .48 Jan. 1884 10 18 F 10 18 F .42 July 1884 10 18 F 10 18 F .42 Jan. 1885 10 17 F 10 18 F .38 July 1885 10 17 F 10 19 F .36 July 1886 10 17 F 10 19 F .36 July 1886 10 17 F 10 19 F .36 July 1887 10 18 F 10 10 F .33 July 1887 10 18 F 10 10 F .33 July 1888 10 15 F 10 12 F .33 July 1889 10 16 F	10	10 25 F 48 " Jan. 1884 10 18 F 33 " 10 18 F 42 " July 1885 10 18 F 33 " 10 18 F 42 " July 1885 10 17 F 33 " 10 19 F 36 " July 1885 10 17 F 33 " 10 19 F 36 " July 1886 10 17 F 33 " 10 19 F 36 " July 1886 10 17 F 33 " 10 19 F 33 " July 1887 10 18 F 33 " 10 10 F 33 " July 1888 10 15 F 33 " 10 12 F 33 "

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS-Continued.

WEAVERS-Continued.

[The wages given below are prices per cut paid for weaving sheetings 83 inches wide, 40 yards per cut,]

Payroll Hot pe da	r	erent loyés.	Rate	of v	vages.	Pay of		Hour- per day.	Different employés.	Sex.	Rate	of v	vages.
July 1864 Jan. 1865 July 1865 July 1865 July 1866 July 1866 July 1867 July 1867 July 1868 July 1868 July 1877 July 1877 July 1877 July 1877 July 1879 July 1879 July 1879 July 1879 July 1879 July 1880 July 1880 July 1880 July 1880 July 1880 July 1880 July 1880 July 1880 July 1880 July 1880 July 1880 July 1880 July 1880	11 11 11 11 11 11 11 11 11 11 11 11 11	9 8 10 10 27 23 22 29 21 25 21 15 16 12 17 16 15 20 21	 \$0. 62 .65 .71 .75 .80 .80 .71 .80 .72 .72 .72 .68 .80 .80 .80	per 10 10 10 10 10 10 10 10 10 10 10 10 10	cut	July Jan. July Jan. July Jan. July Jan. July Jan. July Jan. July Jan. July Jan. July Jan. July	1883 1884 1884 1885 1885 1886 1886 1887 1887 1888 1888 1889 1890 1890 1891	10 10 10 10 10 10 10 10 10 10 10 10 10 1	23 24 25 26 27 28 29 30 32 31 33 34 35 36 33 32 34 35 36 33 34 36 37 38	TETTETTETTETTETTET	\$0. 80 .80 .80 .80 .78 .78 .78 .78 .78 .78 .78 .78 .78 .78	per 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	eut, 11 11 11 11 11 11 11 11 11

[The wages given below are prices per cut paid for weaving sheetings 42 inches wide, 40 yards per cut.]

July 1877 Jan. 1878 July 1878 July 1878 July 1879 July 1880 July 1880 July 1881 Jun. 1882 July 1882 July 1883 July 1883 July 1883 July 1883 July 1884	10 10 10 10 10 10 10 10 10	10 15 12 20 21 22 23 24 25 26 20 22 20 24 25	444444444444444444444444444444444444444	.58 per cut58 " " .53 " " .53 " " .55 " " .65 " "	Jan. 1885 July 1885 Jan. 1886 July 1886 Jan. 1887 July 1887 Jan. 1888 July 1888 July 1889 July 1889 July 1890 Jan. 1891 July 1891	10 10 10 10 10 10 10 10 10 10 10 10	26 24 22 25 26 27 22 20 23 21 24 20 25 25	**************************************	. 53 . 58 . 53 . 53 . 53 . 50 . 50 . 50 . 50 . 50 . 50 . 50	44 44 44 44 44 44 44 44	46 46 46 46 46 46 46 46 46 46 46 46 46 4	,

[The wages given below are prices per cut paid for weaving sheetings 36 inches wide, 50 yards per cut.]

Jan. 1875 July 1875 Jan. 1876 July 1876 July 1877 July 1877 Jan. 1878 July 1878 Jan. 1879 July 1880 July 1880 July 1880 July 1880	10 10 10 10 10 10 10 10 10 10 10	20 F 22 F 23 F 24 F 25 F 26 F 27 F 28 F 22 F 21 F 21 F 23 F	.48 per cut48 "" .48 "" .42 "" .42 "" .35 "" .35 "" .32 "" .32 "" .32 "" .32 "" .32 "" .33 "" .33 "" .34 "" .35 " .35 "" .35	July 1883 10 Jan. 1884 10 July 1884 10 July 1885 10 July 1885 10 July 1886 10 July 1886 10 July 1887 10 July 1887 10 July 1888 10 July 1888 10 July 1888 10 July 1888 10 July 1888 10 July 1889 10	26 F 27 F 28 F 20 F 18 F 16 F 17 F 18 F 19 F 20 F 22 F	.32 per cut32 " " .32 " " .32 " " .32 " " .32 " " .32 " " .32 " " .32 " " .32 " " .32 " " .32 " " .32 " " .32 " " .32 " " .32 " " .32 " " .32 " " .32 " " .32 " " .33 " " .33 " " .34 " " .35 " " .35 " " .36 " " .37 " "
Jan. 1880	10	23 F	.32 " "	July 1888 10	20 F 22 F	.32 " "

[The wages given below are prices per cut paid for weaving cotton satinets 29½ inches wide, 50 yards per cut.]

July 1878 10 30 F 25 " " Jan. 1880 10 33 F 25 "	July 1877 Jan. 1878 July 1878	10 10	10 F 25 F 80 F	.28 per cut.	Jan. 1879 10 July 1879 10	31 F 32 F	, 25 per cut
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COTTON GOODS: ESTABLISHMENT No. 40. MASSACHUSETTS—Continued.

WEAVERS-Continued.

Payroll Hours per day.	Different employés.	Rate of wages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of wages.
July 1880 10 Jun. 1881 10 July 1881 10 July 1882 10 July 1882 10 July 1883 10 July 1883 10 July 1884 10 July 1884 10 July 1884 10 July 1885 10 July 1886 10 July 1886 10	35 36 37 38 39 40 41 42 43 44	F \$0. 25 per cut. F .25 F .25 F .25 F .25 F .25 F .25 F .30 F .30 F .30 F .30 F .30 F .30 F .30 F .30 F .30	July 1886 Jan. 1887 July 1887 Jan. 1888 July 1889 July 1889 July 1889 July 1890 July 1890 July 1890 July 1891	10 10 10 10 10 10	46 47 41 42 40 40 37 38 39 36 35	***************************************	\$0, 30 .30 .30 .30 .30 .30 .30 .30 .30 .30	per out. 11 11 11 12 12 14 13 14 14 15 14 15 15 15 16 15 17 15 18 15

[The wages given below are prices per cut paid for weaving corset linings 30 inches wide, 50 yards per cut.]

[The wages given below are prices per cut paid for weaving sheetings 81 inches wide, 40 yards per cut.]

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Continued.

WEAVERS-Continued.

[The wages given below are prices per cut paid for weaving sheetings 81 inches wide, 40 yards per cut.]

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages
Jan. 1864 July 1865	11 11	6	F	\$0.45 .59	per cut.	July 1878 Jan. 1879	10 10	20 25	F	\$0.55 .55	per cut.
Jan. 1866 July 1866	11 11	8	F	. 59	61 66 61 66	July 1879 Jan. 1880	10 10	23 22	F	. 65 . 65	66 61
Jan. 1867	11	5 4	F	. 59	11 14	July 1880 Jan. 1881	,10 10	26 22	F F	. 65	44 44
uly 1867 an. 1868	11	4.	F	.52	11 11	July 1881 Jan. 1882	10 10	20 23	F	. 65	64 64 65 66
July 1868 Jan. 1869	11 11	7	F	. 52	41 41	July 1882	10	23	F	. 65	11 41
July 1869 Jan. 1870	11 11	20	F	.58	86 46	Jan. 1883 July 1883	10 10	20 22	F	. 65 . 65	11 11
July 1870 Jan. 1871		17 18	F	. 58	ee ee	Jan. 1884 July 1884	10	28 25	F	.71	66 66
July 1871 Jan. 1872	11 11	19 20	F	.58 .58	16 66	Jan. 1885 July 1885	10	28 26	\mathbf{F}	.71	66 14
July 1872 Jan. 1873	11	26 27	F	. 58	44 44	Jan. 1886 July 1886	10 10	27 26	F	. 71	11 11
July 1873 Jan. 1874	· 11	28 24	F	.58	46 48	Jan. 1887 July 1887	10 10	23 20	F	.71	11 11
July 1874 Jan. 1875	11	25 26	F	. 58	66 68 66 68	Jan. 1888 July 1888	10 10	25 30	F	. 72 . 72	44 44
July 1875 Jan. 1876	10	27 28	F	. 58	46 66 66 66	Jan. 1889 July 1889	10 10	26 29	F	.72	11 41
July 1876	10 10	30 22	F F	.58	65 46 64 65	Jan. 1890 July 1890	10 10	24 27	F	72	11 11
Jan. 1877 July 1877 Jan. 1878	10 10 10	10 15	T T	.58	65 64	Jan. 1891 July 1891	10 10 10	20 -30	F	.72 .72 .72	11 11

[The wages given below are prices per cut paid for weaving sheetings 81 inches wide, 40 yards per cut.]

July 1877 Jan. 1878 July 1878 Jan. 1879 July 1879 Jan. 1880 July 1880 July 1880 July 1881 July 1881 July 1882 July 1882	10 10 10 10 10 10 10 10 10 10	50 50 50 52 51 50 50 50 42 52	EFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	.72 14 .68 14 .80 14 .80 14 .80 16 .80 16 .80 16 .80 16	eut.	Jan. 1885 July 1885 Jan. 1886 July 1886 Jan. 1887 July 1887 July 1888 Jan. 1889 July 1889 Jan. 1899	10 10 10 10 10 10 10 10 10	57 58 59 59 50 52 52 52 53 54 64 55	44444444444444444444444444444444444444	.77 .77 .77 .77 .77 .77 .77 .77	66 66 66 66 66 66	66 68 66 66 66 66 66 66
Jan. 1882 July 1882 Jan. 1883		42 52 53		1 . 00								
July 1883 Jan. 1884 July 1884	10 10 10	54 54 56	F F	.80 " .77 " .77 "	4.4 4.4	Jan. 1891 July 1891	10 10	57 54	F	.77		11

 $[The wages \ given \ below \ \'{are} \ prices \ per \ cut \ paid \ for \ weaving \ sheetings \ 72 \ inches \ wide, \ 40 \ yards \ per \ cut.]$

									•	
Jan. 1859 July 1859 Jan. 1860 July 1860 July 1861 Jan. 1861 July 1861 July 1862 July 1863 July 1863 July 1864 July 1864 July 1864 July 1864 July 1865 July 1865 July 1866	12 12 12 12 11 11 11 11 11 11 11 11 11	9 8 9 5 5 6 8 9 10 H 10 8 9 6 6	F . 422 FF . 422 FF . 422 FF . 423 FF . 425 FF . 435 FF . 455 FF . 455 FF . 455 FF . 455 FF . 500 FF .	16 EE 46 EE	Jan. 1869 July 1869 Jan. 1870 July 1870 July 1871 July 1871 Jan. 1871 July 1872 July 1872 July 1873 July 1874 Jan. 1875 July 1875 Jan. 1875 Jan. 1876 July 1876	11 11 11 11 11 11 11 11 11 11 11 10 10	8 7 25 28 30 32 27 29 30 31 32 33 34 38 35	**************************************	. 45 .50 .46 .46 .48 .48 .49 .52 .52 .54 .55 .55	per cut
Jan. 1867	11		F .50		Jan. 1877	10+	33	\mathbf{F}	. 56	44 44
July 1867	11		F .50	86 11	July 1877	10	27	F	. 58	44 44
Jan. 1868.	11		F .45	16 16	Jan. 1878	10	29	F	. 58	£1 £1
July 1868	11	7 3	F .45	44 44	July 1878	10	30]	F	. 55	41 11

COTTON GOODS: ESTABLISHMENT No. 40, MASSACHUSETTS—Concluded.

WEAVERS-Concluded.

Payroll Hour per day	Dinerent S	Sex. Ra	te of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	f wages.
Jan. 1879 10 July 1879 10 July 1880 10 July 1881 10 July 1881 10 July 1882 10 July 1882 10 July 1882 10 July 1883 10 July 1883 10 July 1883 10 July 1883 10 July 1884 10 July 1884 10 July 1884 10 July 1884 10	38 34 32 38 40 41 42 45 48 39	## \$0.5 ## 66 ## 66 ## 66 ## 66 ## 66 ## 66 ## 66 ## 66	5 5 5 5 6 5	c cut.	July 1885 Jan. 1880 July 1886 Jan. 1887 July 1887 Jan. 1888 July 1888 July 1889 Jan. 1890 July 1890 Jan. 1891 July 1891	10 10 10 10 10 10 10 10 10 10 10 10	35 34 33 34 36 39 42 40 41 38 39 40	FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	\$0. 62 pe .62 .62 .62 .62 .59 .59 .59 .59 .59 .59 .59	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6

[The wages given below are prices per cut paid for weaving sheetings 72 inches wide, 40 yards per cut.]

[The wages given below are prices per cut paid for weaving fancy cottons 36 inches wide, 50 yards per cut.]

				1	n I		-				
Jan. 1875	10	10	F	.30 per cut.	July 1883	10	15	F	. 26	per	cut.
July 1875	10	15	F	.30 "" "	Jan, 1884	10	16	\mathbf{F}	. 26	- 44	. 6
Jan. 1876	10	10	F	.30 " "	July 1884	$\frac{10}{10}$	17	\mathbf{F}	. 26	1.6	6.6
July 1876	10	10 16	F	.30 " "	Jan. 1885	10	18	F	. 26	6.6	4.6
Jan. 1877	10	14	F	.30 " "	July 1885	10	17	\mathbf{F}	. 26	14	64
July 1877	10	12	F	. 28 " "	Jan. 1886	10	14	\mathbf{F}	. 26	4.6	4.6
Jan. 1878	10	12	F	. 28 " "	July 1886	10	15	F	. 28	4.6	4.6
July 1878	10	16	F	. 26 " "	Jan. 1887	10	16	\mathbf{F}	. 28	14	6.6
Jan. 1879	10	14	F	. 26 " "	July 1887	10	17	F	. 28	14	4.6
July 1879	10	14	$\bar{\mathbf{F}}$. 26 " "	Jan. 1888	10	15	\mathbf{F}	. 28	4.6	64
Jan. 1880	10	13	F	. 26 " "	July 1888	10.	14	F	. 28	6.6	44
July 1880	10	14	F	. 26 44 14	Jan. 1889	10	14	\mathbf{F}	. 28	**	6.6
Jan. 1881	10	15	F	. 26 " "	July 1889	10	17	\mathbf{F}	. 28	4.6	6.6
July 1881	10	15 15	B	. 26 " "	Jan. 1890	10	.18	F	. 27	16	44
Jan. 1882	10	16	F	. 26 " "	July 1890	10	19	\mathbf{F}	. 27	6.6	44
July 1882	îŏ	îi	F	. 26 " "	Jan. 1891	10 10	16	\mathbf{F}	. 27	4.6	4.4
Jan. 1883	10	12	Ĥ'	. 26 " "	July 1891	10.	15	\mathbf{F}	. 27	6.6	4.6
									1		

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK.

CARD GRINDERS.

July 1853 Jan. 1854 July 1854 Jan. 1855 July 1855 Jan. 1856 July 1856 July 1857 July 1857 July 1857 Jan. 1858	12 12 12 12 12 12 12 12 12 12 12 12 12 1	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	M M M M M M M M	.75 .75 .91½ .91½ .91½ .91½ .91½ .91½ .91½ .91½	66 66 66	day	•	July 1858 Jan. 1859 July 1859 Jan. 1860 July 1860 Jan. 1861 July 1861 July 1862 July 1862 July 1865	12 12 12 12 12 12 12 12 12 12 12	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	M M M M M M M M	. 83½ . 83½ . 83½ . 83½ 1. 00 1. 00 1. 00 1. 00 1. 00 1. 75	day.

COTTON GOODS: ESTABLISHMENT No.: 41, NEW YORK—Continued.

CARD GRINDERS-Concluded.

Payron	lours per day.	Different employés.	Sex.	Rate of wages.	Payroll, of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1868 July 1866 Jan. 1867 July 1887 Jan. 1868 July 1868 July 1868 July 1869 Jan. 1870 July 1870 July 1871 July 1871 July 1872 July 1872 July 1873 July 1873 July 1874 July 1874 July 1875 July 1875 July 1876 July 1877 July 1877 July 1877 July 1877 July 1877 July 1877 July 1877 July 1877 July 1877 July 1877 July 1877 July 1877 July 1877 July 1877 July 1877 July 1878	12 12 12 11 11 11 11 11 11 11 11 11 11 1	111111111111111111111111111111111111111	M M M M M M M M M M M M M M M M M M M	\$1.75 per day. 1.75 " " 1.87½ " " 1.87½ " " 1.87½ " " 1.87½ " " 1.87½ " " 1.50 " " 1.50 " " 1.50 " " 1.50 " " 1.50 " " 1.50 " " 1.50 " " 1.50 " " 1.50 " " 1.50 " " 1.50 " " 1.50 " " 1.87½ "	Jan. 1879 July 1879 Jan. 1880 July 1880 July 1880 July 1881 July 1882 Jan. 1883 July 1884 July 1884 July 1884 July 1885 July 1886 Jan. 1887 July 1886 Jan. 1887 July 1888 Jan. 1889 July 1888 Jan. 1889 July 1889 July 1889 July 1889 July 1890 July 1890 July 1890 July 1890 July 1890	11 11 11 11 11 11 11 11 11 11 11 11 10 10	111111111111111111111111111111111111111	M M M M M M M M M M M M M M M M M M M	\$1.33½ per day. 1.20 " " " 1.33½ " " " " 1.33½ " " " " " 1.37½ " " " " " 1.41½ " " " " " 1.41½ " " " " " 1.41½ " " " " " 1.41½ " " " " " 1.41½ " " " " " 1.41½ " " " " " 1.41½ " " " " " 1.41½ " " " " " 1.41½ " " " " " 1.41½ " " " " " " 1.41½ " " " " " " 1.41½ " " " " " " " " " " " " " " " " " " "

CARD STRIPPERS.

						,				
Jan. 1853	12	4	M	. 664 per day.	Jan. 1874	11	4	M	1.21	per day.
July 1853	12	4	M	.661 per day.	July 1874	11	2	M	1.08	per day.
Jan. 1854	12	4	M	.661 " "	Jan. 1875	11	3	M	1.08%	66 66
July 1854	12	4	M	.66% " "	July 1875	11	3	M	1.08	46 46
Jan. 1855	12	4	M	.661 " "	Jan. 1876	ii		M	1. 161	1
July 1855	12	4	M	. 661 " "		11	2 2	M		44 44
Jan. 1856	12	4	M	. 661 " "	July 1876	11	2	M	1.18	44 44
	12	4	M	.71 " "	Jan. 1877	11	4		1.18	44 44
July 1856	12		M	1 . II	July 1877		2	M	1.181	14 54
Jan. 1857	12	4	M	71 """	Jan. 1878	11	2 2 2	M	$1.18\frac{1}{3}$	44 64
July 1857	12			. 11	July 1878	11	2	M	$1.18\frac{1}{9}$	44 66
Jan. 1858		4	M	. 00	Jan. 1879	11	2	M	1.181	44 44
July 1858	12	4	M	1008	July 1879	11	2 2 2	M	1.00	44 44
Jan. 1859	12	4	M	.02	Jan. 1880	11	2	M	1. 181	11 11
July 1859	12	4	M	. 02	July 1880.	11	2	M	1. 29	
Jan. 1860	12	4	M	. 00%	Jan. 1881.	11	2	M ·	1, 29	44 44
July 1860	12	[4	M	. 661 " "	July 1881	11	2	M	1, 29	44 44
Jan. 1861	12	4.	\mathbf{M}	. 661 " "	Jan. 1882	11	- 2		1.29	11 11
July 1861	12	4	M	. 661 " "	July 1882	11	2	M	$1.12\frac{1}{2}$	44 44
Jan. 1862	12	4	\mathbf{M}	, 661 " "	Jan. 1883	11	2 2	M	$1.12\frac{7}{6}$	
July 1862	12	4	\mathbf{M}	. 661 44 44	July 1883	11		M	$1.12\frac{1}{9}$	44 64
July 1865	12	4	\mathbf{M}	1.00 " "	Jan. 1884	11	2	M	1. 123	66 66
Jan. 1866	12	3	\mathbf{M}	1,06 " "	July 1884.	11	2	M	$1.12\frac{7}{4}$	
July 1866	12	. 3	M	1.124 " "	Jan. 1885	11	2	M	1.00	£
Jan. 1867	12	3 1	\mathbf{M}	1. 121 " "	July 1885.	11	2	M	1.00	11 11
July 1867	11	4	M	1. 25 " "	Jan. 1886	11	2	M	1.00	46 46
Jan. 1868	11	5	\mathbf{M}	1, 25 " "	July 1886	10	2	M	1,00	66 64
July 1868	11	4.	\mathbf{M}	1.25 " "	Jan. 1887	. 10	2	M	1.00	66 46
Jan. 1869	11	4	M	1, 25 " "	July 1887.	10	2 2	M	1.00	66 44
July 1869	11	4	M	1. 25 " "	Jan. 1888	10	ī	M	1. 21	66 64
Jan. 1870	11	4	\mathbf{M}	1. 25 " "	July 1888	10	ĩ	M	1. 21	44 44
July 1870	11	4	\mathbf{M}	1, 25 " "	Jan. 1889:	10	ī	M	1, 21	44 41
Jan. 1871	11	4	M	1. 25 " "	July 1889	10	í	M	1. 21	64 44
July 1871	11	4	M	1, 25 " "	Jan. 1890	10	ì	M	1. 21	66 41
Jan. 1872	11	4	$\overline{\mathbf{M}}$	1. 25 " "	July 1890	10	i	м	1. 21	44 44
July 1872	11	4	M	1. 25 " "	Jan. 1891	10	i	M	1. 21	66 15
Jan. 1873	11	<u>4</u>	$\widetilde{\mathbf{M}}$	1. 25 " "	July 1891	10	i	M	1. 21	46 46
July 1873	11	[4]	$\widetilde{\mathbf{M}}$	1, 25 " "	0 mg 1001.	10	•		7. 21	
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COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued. CARPENTERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages
Jan. 1853	12	1	м	\$1.50	per	day.	Jan. 1874	11	1	м	\$2. 25	per	day.
July 1853	12	1	M	1.50	111	41	July 1874		1	M	2.371		11
Jan. 1854	12	1	M	1.50	8.6	64	Jan. 1875	11	1	M	2.37	4.6	6.6
July 1854	12	1	M	1.75		64	July 1875	11	1	M	2.37	4.6	4.4
Jan. 1855	12	1	M	1.75	"	6.6	Jan. 1876		1	M	2.10	4.6	11
July 1855	12	1) M	1.75	14		July 1876	1:1	1	M	1.875	4.0	(t
Jan. 1856	12	1	M	1.75		44	Jan. 1877	1,1	1	M	1.871	4.4	44
July 1856	12	1	M	1.75	8.4	44	July 1877	11	1	M	1, 87	1.1	
Jan. 1857	12	1	M	1.50	44	44	Jan. 1878	11	1	M	1.87	6.6	66
July 1857	12	1	M	1.50	. 66	46	July 1878	11.	1	M	1.874	6.6	44
Jan. 1858	12	1	M	1.50		66	Jan. 1879		1	M	1.87	44	46
July 1858	12	1	M	1.50	44	66	July 1879	11	1	M	1.87	14	44
Jan. 1859	12	1	M	1.50	44	41	Jan. 1880		1	M	1.87	66	4.6
July 1859	12	1	M	1.50	4.6	66	July 1880		1	M	1.871	64	16
Jan. 1860	12	1 1	M	1.50	64	66	Jan. 1881		1	M	1.87	44	66
July 1860	12 12	1 1	M	1.50	5.6	66	July 1881	11	1	M	1.83	6.6	66
Jan. 1861	12	i	M	1, 50	4.4	66	Jan. 1882 July 1882		-1	M	1.83	66	44
July 1861 Jan. 1862	12	1	M	1.50	5.6	44	Jan. 1883		i	M	1.83	66	6.6
July 1862	12	1	M	1.62%	14	64	July 1883	11	1 1	M	1.83	4.3	44
July 1865	12	î	M	3.00	6.6	4.6	Jan. 1884		1 1	M	1.83	1.6	66
Jan. 1866	12	î	M	3. 00	6.6	6.6	July 1884		l î	M	1, 83	4.6	46
July 1866	12	î	M	3, 25	44	66	Jan. 1885		1	M	1,66%	1.4	46
Jan. 1867	12	ī	M	3. 25	6.6	6.6	July 1885		l î	M	1.661	6.6	44
July 1867	11	l î	M	3. 25	6.6	4.6	Jan. 1886		1	M	1.661	6.6	44
Jan. 1868	11	i	M	3, 25	4.6	6.6	July 1886		l ī	м	1.66%	6.6	6.6
July 1868	11	ī	\mathbf{M}	2,50	8.8	4.4	Jan. 1887	10	ī	M	1.66%	8.6	46
Jan. 1869	11	ī	M	3.00	44	44	July 1887	10	1	M	1.66	c c	4.6
July 1869	11	1	M	3,00	66	44	Jan. 1888	10	ï	M	1.66%	1.1	
Jan. 1870	īī	ī	M	3.00	14	44	July 1888		1	M	$1.66\frac{7}{2}$	46	14
July 1870	11	1	M	2.75		**	Jan. 1889	10	1	M	1.663	**	44
Jan. 1871	11	1	M	2.75	4.4	44	July 1889	10	1	M	1.661	4.6	44
July 1871	11	1	M	2.75	**	16	Jan. 1890	10	1	M	1.66%	11	64
Jan. 1872	11	1	M	2.75	4.4	14	July 1890	10	1	M	$1.66\frac{1}{2}$	66	46
July 1872	11	1	M·	2.75	6.6	66	Jan. 1891		1	M	$1.66\frac{1}{3}$	4.6	46
Jan 1873	111	1	M	1 2 75	- 66	66	July 1891	10	1	M	1.66%	1.6	4.6

no	WW	ERS	

Jan. 1852	12	2	F	.35½ per day.	July 1871	11	3	F	.831 per day.
July 1853	12	. 2	F	.46	Jan. 1872	11	3	F	.831 " "
Jan. 1854	12	2	F	.50 " "	July 1872	11	3	F	. 83 1 11 11
July 1854	12		F	.411 " "	Jan. 1873	11	3	F	. 831 " "
Jan. 1855	12	2	F	.463 ** **	July 1873	11	3	F	. 831
July 1855	12	2 2 3 3	F	.52" ** **	Jan. 1874	11	3	F	.871 " "
Jan. 1856	12	3	Ē	. 54 " "	July 1874	11	3	F	. 831 11 11
July 1856	12	3	F	.54 " "	Jan. 1875	11	3	F	. 83 4 44
Jan. 1857	12	3	F	. 624 " "	July 1875	11	3	F	. 831 " "
July 1857	12	3	Œ	. 621 " "	Jan. 1876	11	3	F	. 68 4 44
Jan. 1858	12	3	F	.39" " "	July 1876	11	3	\mathbf{F}	, 681 ** **
July 1858	12	3	F	.50 " "	Jan. 1877	11	3	F	. 661 " "
Jan. 1859	12	3	F	.50 " "	July 1877	11	3	F	. 661 " "
July 1859	12	3 3	F	.50 " "	Jan. 1878	11	3	\mathbf{F}	. 66% ** **
Jan. 1860	12	. 3	F	.46 " "	July 1878	11:	3	\mathbf{F}	· . 66½ · · · · ·
July 1860	12	3	B.	.46 " "	Jan. 1879	11	3	\mathbf{F}	. 68
Jan. 1861	12		F	.46 " "	July 1879	11 .	3	\mathbf{F}	. 661 " "
July 1861	12	3 3	$\bar{\mathbf{F}}$.46 " "	Jan. 1880	11	3	F	.75" " "
Jan. 1862	12	\ 3	F	, 531 " "	July 1880	11	3	\mathbf{F}	. 811 11 11
July 1862	12	3	F	. 401 " "	Jan. 1881	11	3	\mathbf{F}	.73" " "
July 1865	12	3	F	. 664 " "	July 1881	11	3	\mathbf{F}	.73 " "
Jan. 1866	12	3	F	. 661 11 11	Jan. 1882	11	3	\mathbf{F}	.75 " "
July 1866	12	3	F	. 66 4 44	July 1882	- 11	3	\mathbf{F}	,75 " "
Jan. 1867	12	3	\mathbf{F}	.77	Jan. 1883	11	3	\mathbf{F}	.71 " "
July 1867	11	3	F	.77 " "	July 1883	11	3	\mathbf{F}	.71 " "
Jan. 1868	11	3	F	.77 ** **	Jan. 1884	11	3	$\bar{\mathbf{F}}$	•. 66½ · · ·
July 1868	11	3 3	F	.77 ** **	July 1884	11	3	\mathbf{F}	. 661 44 44
Jan. 1869	11	3	F	.77 ** **	Jan. 1885	11 -	2	\mathbf{F}	. 601 "
July 1869	11	3	F	.77 " "	July 1885	11	2	\mathbf{F}	60
Jan. 1870	11	3	F	.77 ** **	Jan. 1886	11	\ 2 2	F	. 601 " "
July 1870	11	3	F	. 831 " "	July 1886	10	2	E	. 71 " "
dan, 1871	11	ู้ ลิไ	Tr'	931 44 44	Jan. 1887	10	2	F	.75 ""

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued.

DOFFERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.	Payroll.	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1887 Jan. 1888 July 1888 Jan. 1889 July 1889	10 10 10 10 10	2 2 2 2 2	F F F F	\$0.75 .75 .75 .83½ .83½	per day.	Jan. 1890 July 1890 Jan. 1891 July 1891	10 10 10 10	2 2 2 2	F F F	\$0.83\frac{1}{2} per day. .89\frac{1}{2} \cdots \cdots .89\frac{1}{2} \cdots \cdots .89\frac{1}{2} \cdots \cdots .89\frac{1}{2} \cdots \cdots

DRAWERS-IN.

Jan. 1853 12 2 F .50 per day. July 1853 12 2 F .50 " " Jan. 1854 12 2 F .80 " " July 1854 12 2 F .80 " " July 1854 12 2 F .70 " " July 1855 12 2 F .70 " " July 1856 12 2 F .50 " " July 1856 12 2 F .65 " " Jan. 1856 12 2 F .65 " " Jan. 1858 12 2 F .65 " " Jan. 1858 12 2 F .60 " " Jan. 1858 12 2 F .60 " " July 1858 12 2 F .60 " " July 1858 12 2 F .60 " " July 1858 12 2 F .60 " " July 1858 12 2 F .60 " " July 1858 12 2 F .60 " " July 1858 12 2 F .60 " " July 1859 12 2 F .60 " " July 1860 12 2 F .60 " " July 1860 12 2 F .60 " " July 1860 12 2 F .60 " " July 1861 12 2 F .60 " " July 1862 12 2 F .55 " " July 1862 12 2 F .55 " " July 1864 12 2 F .50 " " July 1865 12 2 F .50 " " July 1866 12 2 F .50 " " July 1867 12 2 F .50 " " July 1868 11 2 F .50 " " July 1868 12 2 F .50 " " July 1868 12 2 F .10 " " July 1869 11 2 F .10 " " July 1869 11 2 F .10 " " July 1869 11 2 F .10 " " July 1869 11 2 F .10 " " July 1869 11 2 F .10 " " July 1870 11 2 F .10 " " July 1870 11 2 F .10 " " July 1871 11 2 F .10 " " July 1871 11 2 F .10 " " July 1872 11 2 F .10 " " July 1873 11 2 F .10 " " July 1873 11 2 F .10 " " July 1873 11 2 F .10 " " July 1873 11 2 F .10 " " July 1873 11 2 F .10 " " July 1873 11 2 F .10 " " July 1873 11 2 F .10 " " July 1873 11 2 F .10 " " July 1873 11 2 F .10 " " July 1873 11 2 F .10 " " July 1873 11 2 F .10 " " July 1873 11 2 F .10 " " July 1873 11 2 F .10 " " July 1873 11 2 F .10 " " July 1873 11 2 F .10 " "	Jan. 1874 11 July 1874 11 July 1874 11 July 1875 11 July 1875 11 July 1875 11 July 1876 11 July 1876 11 July 1877 11 July 1877 11 July 1878 11 July 1879 11 July 1879 11 July 1880 11 July 1880 11 July 1881 11 July 1881 11 July 1882 11 July 1882 11 July 1882 11 July 1883 11 July 1883 11 July 1883 11 July 1883 11 July 1884 11 July 1885 11 July 1885 11 July 1886 10 July 1886 10 July 1887 10 July 1888 10 July 1888 10 July 1888 10 July 1888 10 July 1889 10 July 1889 10 July 1890 10 July 1890 10 July 1891 10 July 1891 10 July 1891 10 July 1891 10 July 1891 10 July 1891 10 July 1891 10 July 1891 10 July 1891 10 July 1891 10 July 1891 10 July 1891 10	12222222222222222222222222222222222222	1. 08 per day. 1. 13 " " 1. 20 " " 293 " " 1. 05 " " 80 " " 80 " " 85 " " 86 " " 1. 05 " " 1. 05 " " 1. 05 " " 1. 05 " " 1. 07 " " 1. 09 " " 1. 09 " " 1. 00 " 1. 00 " " 1. 00 " " 1. 00 " " 1. 00 " " 1. 00 " " 1. 00 " " 1. 00 " " 1. 00 " " 1. 00 " " 1. 00 " 1. 00 " 1. 00 " 1. 00 " 1. 00
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DRAWING-FRAME TENDERS.

Jan. 1853 July 1853 July 1853 July 1853 July 1854 July 1855 July 1855 July 1855 July 1857 July 1857 July 1858 July 1858 July 1858 July 1859 July 1859 July 1859 July 1859 July 1859 July 1859 July 1859 July 1859 July 1859 July 1859 July 1859 July 1859 July 1850 July 1860 July 1860 July 1861 July 1861 July 1861	12 12 12 12 12 12 12 12 12 12 12 12 12 1	######################################	.41½ or day41½ or or day41½ or or or or or or or or or or or or or	July 1866 Jan. 1867 July 1867 July 1868 Jan. 1868 July 1869 July 1869 July 1870 July 1871 July 1871 July 1872 July 1872 July 1873 July 1873 July 1873 July 1873 July 1873 July 1873 July 1873 July 1873 July 1873 July 1873 July 1873 July 1873 July 1873 July 1873 July 1873 July 1875 July 1875	12 12 11 11 11 11 11 11 11 11 11 11 11 1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	азывыныныйыныныны	50 per day. 66\frac{1}{2} \tau \tau \tau \tau \tau \tau \tau \tau
	12 12 12	4 F 4 F	.411 " "			4		661. ** **
Jan. 1866	12	4 F	.581 "	Jan. 1877	11	4	T T	54 .11 .14

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK-Continued.

			DH	RAWING-FRAME T	ENDERS-	Conclu	ded.		
Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of	Hours per day.	Different employês.	Sex.	Rate of wages.
July 1877 Jan. 1878 July 1878 July 1878 July 1879 Jan. 1880 July 1880 July 1881 July 1882 July 1882 July 1882 July 1883 July 1883 July 1883 July 1884	11 11 11 11 11 11 11 11 11 11 11 11	4 4 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		\$0.54 per day. .54	Jan. 1885 July 1885 Jan. 1886 Jan. 1886 Jan. 1887 July 1887 Jan. 1888 July 1888 July 1888 Jan. 1890 July 1890 July 1890 July 1891	11 11 10 10 10 10 10 10 10 10 10 10 10 1	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	***************************************	\$0.60\frac{1}{2} per day. 60\frac{1}{2} \cdots 60\frac{1}{2} \cdots 60\frac{1}{2} \cdots 60\frac{1}{2} \cdots 60\frac{1}{2} \cdots 60\frac{1}{2} \cdots 60\frac{1}{2} \cdots 60\frac{1}{2} \cdots 60\frac{1}{2} \cdots 60\frac{1}{2} \cdots 60\frac{1}{2} \cdots 60\frac{1}{2} \cdots 71 \cdots 75 \cdots
				FIR	EMEN.				
Jan. 1853 July 1853 July 1853 July 1854 July 1855 July 1855 July 1856 July 1856 Jan. 1857 July 1858 July 1858 July 1858 July 1859 July 1859 July 1860 July 1860 July 1860 July 1862 July 1862 July 1862 July 1862 July 1868 Jul 1867 July 1868 July 1869 July 1869 July 1869 July 1869 July 1869 July 1869 July 1873 July 1871 July 1871 July 1871 July 1872 Jun. 1872 Jun. 1872 Jun. 1872 Jun. 1873 July 1873 July 1873 July 1873 July 1873 July 1873 July 1873 July 1873	11 11 11 11 11 11 11 11	111111111111111111111111111111111111111	M M M M M M M M M M M M M M M M M M M	. 83½ per day 83½	Jan. 1874 July 1874 July 1875 July 1875 July 1875 July 1876 July 1876 Jan. 1876 Jan. 1877 July 1879 July 1879 July 1880 July 1880 July 1880 July 1880 July 1883 July 1883 July 1884 July 1885 July 1885 July 1885 July 1885 July 1885 July 1885 July 1885 July 1885 July 1885 July 1885 July 1885 July 1885 July 1885 July 1885 July 1885 July 1885 July 1885 July 1885 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1891	10 10 10 10 10		M M M M M M M M M M M M M M M M M M M	1.50 per day. 1.62½ """ 1.62½ """ 1.41½ """ 1.27 """ 1.28 """ 1.39½ """ 1.39½ """ 1.39½ """ 1.41½ "" 1.41½ """ 1.41½ """ 1.41½ """ 1.41½ """ 1.41½ """ 1.41½ """ 1.41½ "" 1.41½ "" 1.41½ "" 1.41½ "" 1.41½ "" 1.41½ ""
				LAPPER FE	EDERS (bo	ys).			
Jan. 1853 July 1853 Jan. 1854 July 1854 Jan. 1855 July 1855 Jan. 1856 July 1855 Jan. 1857 July 1858 July 1858	12 12 12 12 12 12 12 12 12 12 12 12 12 1	1 1 1 1 1 1 1 1 1	M	25 per day. 29 " " 29 " " 33½ " " 33½ " " 33½ " " 33½ " " 33½ " " 33½ " " 33½ " " 33½ " " 33½ " " 33½ " "	Jan. 1859 July 1856 July 1860 July 1860 July 1861 July 1862 July 1862 July 1865 July 1866 July 1866 July 1866 July 1866 July 1866	12 12 12 12 12 12 12 12 12 12 12 12 12 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M	33½ per day. 33½ (

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK-Continued.

LAPPER FEEDERS (boys)—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	e of	wages.
July 1867 Jun. 1868 July 1868 Jun. 1869 July 1869 Jun. 1870 July 1870 Jun. 1871 July 1871 July 1872 July 1873 July 1873 July 1873 July 1873 July 1874 July 1874 July 1874 July 1874 July 1874 July 1874 July 1874 July 1874	11 11 11 11 11	111111111111111111111111111111111111111	M M M M M M M M M M M M M M M M M M M	\$0.41\(\frac{1}{2}\) pe -43\(\frac{1}{2}\) 12 -50 11 -50 11 -54 11 -54 11 -58\(\frac{1}{2}\) 12 -66\(\frac{1}{2}\) 13 -58\(\frac{1}{2}\) 13	r day.	Jan. 1880 July 1883 Jan. 1881 July 1881 July 1882 July 1882 July 1883 July 1884 July 1884 July 1884 July 1885 July 1885 July 1885 July 1886 July 1886 July 1887 July 1887 July 1887 July 1887	11	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M	\$0. 39½ .46 .46 .46 .41½ .50 .50 .50 .50 .50 .50 .50	per "" "" "" "" "" "" "" "" "" "" "" "" ""	day
July 1875 Jan. 1876 July 1876 Jan. 1877 July 1877 Jan. 1878 July 1878 Jan. 1879 July 1879	11 11 11 11 11 11 11	1 1 1 1 1 1 1 1 1	M M M M M M M M	395 · · · 395 · · · 395 · · · · 395 · · · · 395 · · · · 395 · · · · 395 · · · · 395 · · · · 395 · · · · 395 · · · · 395 · · · · · 395 · · · · · 395 · · · · · 395 · · · · · · · · · · · · · · · · · · ·	11 11 14 14 15 16	Jan. 1888 July 1888 Jan. 1889 July 1889 Jan. 1890 July 1890 Jan. 1891 July 1891	10 10 10 10 10 10 10	1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M	. 54 . 58½ . 66½ . 66½ . 66½ . 66½ . 66½	66 66 66 66 66 66 66	66 64 65 64 65

LAPPER TEXPERS

Jan. 1853 July 1853 Jan. 1854 July 1853 July 1854 Jan. 1855 Jan. 1856 July 1866 Jan. 1857 July 1857 Jan. 1858 July 1858 July 1858 July 1858	12 12 12 12 12 12 12 12 12 12 12 12 12 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M	.50 per day584 " " .66½ " " .66½ " " .71 " " .83½ " " .83½ " " .83½ " " .83½ " " .75 " " " .75 " "	July 1873 1 Juny 1874 1 July 1874 1 July 1875 1 July 1876 1 July 1876 1 July 1877 1 July 1877 1 July 1877 1 July 1878 1 July 1878 1 July 1878 1 July 1879 1 July 1879 1		M M M M M M M M M	1. 62½ per day. 1. 75 " " " 1. 75 " " " 1. 75 " " " 1. 75 " " " 1. 51 " " " 1. 39½ " " " 1. 39½ " " " 1. 39½ " " " 1. 39½ " " " 1. 39½ " " " 1. 39½ " " " 1. 39½ " " " 1. 39½ " " " 1. 39½ " " " 1. 39½ " " " 1. 39½ " " "
July 1859 Jan. 1860 July 1860 Jan. 1861 July 1861 July 1861 July 1862 July 1865 Jan. 1866 July 1866 July 1866 July 1867	12 12 12 12 12 12 12 12 12 12 12 12	111111111111111111111111111111111111111	M M M M M M M M M M	. 75	July 1879 July 1880 1 Jan. 1880 1 July 1880 1 July 1880 1 July 1881 1 July 1882 1 July 1882 1 July 1883 1 July 1883 1 July 1884 1 July 1885 1 July 1885 1 July 1885 1		M M M M M M M M M M	1. 39½ " " 1. 50 " " 1. 50 " " 1. 50 " " 1. 50 " " 1. 50 " " 1. 50 " " 1. 33½ " " 1. 33½ " " 1. 33½ " " 1. 33½ " " 1. 33½ " " 1. 33½ " " 1. 33½ " " 1. 33½ " " 1. 33½ " "
Jan. 1868 July 1868 Jan. 1869 July 1869 Jan. 1870 July 1870 Jan. 1871 July 1871 Jan. 1872 July 1872 July 1872 July 1872	11 11 11 11 11 11 11 11 11	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M	1, 50	Jan. 1886 1 July 1886 1 July 1887 1 July 1887 1 July 1888 1 July 1889 1 Jan. 1889 1 July 1880 1 July 1890 1 July 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M	1. 21

MACHINISTS.

Jan. 1853 July 1853 Jan. 1854 July 1854	12 12 12 12	1 1 1	M M M M	1.50 per day. 1.75 """ 2.00 """	Jan. 1855 July 1855 Jan., 1856 July 1856	12 12 12 12	1 1 1	M M M	2.00 2.00 2.00 2.00	per	day.
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COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK-Continued.

MACHINISTS-Concluded.

Jan. 1867 12 1 M \$1.75 per day. Jan. 1876 11 1 M \$3.00 per day. July 1857 12 1 M 1.75 " " July 1876 11 1 M 3.00 " " July 1858 12 1 M 1.50 " " July 1877 11 1 M 2.36½ " Jan. 1859 12 1 M 1.62½ " " Jan. 1878 11 1 M 2.36½ " Jan. 1859 12 1 M 1.62½ " July 1878 11 1 M 2.36½ " Jan. 1860 12 1 M 1.66½ " Jan. 1879 11 1 M 2.36½ " Jan. 1860 12 1 M 1.66½ " Jan. 1879 11 1 M 2.36½ " Jan. 1861 <t< th=""><th>Payroll of—</th><th>Hours per day.</th><th>Different employés.</th><th>Sex.</th><th>Rate of wages.</th><th>Payroll of—</th><th>Hours per day.</th><th>Different employés.</th><th>Sex.</th><th>Rate</th><th>of wages.</th></t<>	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.
July 1860	July 1857 Jun 1888 Jun 1888 Jun 1889 Jun 1889 Jun 1889 Jun 1800 Jun 1800 Jun 1801 July 1802 July 1802 July 1805 Jun 1806 Jun 1806 Jun 1806 Jun 1806 Jun 1807 July 1806 Jun 1807 July 1808 July 1809 July 1809 July 1809 July 1809 July 1809 July 1809 July 1809 July 1809 July 1809 July 1809 July 1809 July 1809 July 1809 July 1870 Jun 1871 Jun 1872 July 1873 July 1873 July 1874 July 1874 July 1874 July 1874 July 1874 July 1874 July 1874 July 1874 July 1874 July 1874 July 1874 July 1874 July 1874 July 1874 July 1874	12 12 12 12 12 12 12 12	111111111111111111111111111111111111111	M M M M M M M M M M M M M M M M M M M	1. 75	July 1876 Jan. 1877 Jan. 1877 Jan. 1878 July 1877 Jan. 1879 July 1879 July 1879 July 1880 July 1881 July 1881 July 1882 July 1882 July 1882 July 1883 July 1884 July 1884 July 1884 July 1884 July 1884 July 1885 July 1886 July 1886 July 1886 July 1886 July 1887 July 1887 Jan. 1889 Jan. 1889 Jan. 1889 July 1888 July 1888 July 1888 July 1888 July 1888 July 1888 July 1888 July 1888 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889	11 11 11 11 11 11 11 11 11 11 11 11 11	111111111111111111111111111111111111111	M M M M M M M M M M M M M M M M M M M	3.00 2.364 2.364 2.364 2.366 2.366 2.366 2.60 2.60 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3	

OVERSEERS, CARDING DEPARTMENT.

Jan. 1853 July 1853 July 1854 July 1854 July 1855 July 1856 Jun. 1856 July 1856 Jun. 1857 July 1856 Jun. 1857 July 1856 Jun. 1857 July 1850 Jun. 1859 Jun. 1860 July 1860 July 1861 July 1862 July 1862 July 1865 Jun. 1866 July 1865 July 1865 July 1865 July 1865 July 1865 July 1866 July 1868 July 1868 July 1868 July 1868 July 1868 July 1868 July 1868 July 1868 July 1869 July 1869 July 1869 July 1869 July 1869 July 1869 July 1869 July 1869 July 1869 July 1869 July 1870 July 1871 July 1872 July 1872 July 1872 July 1872 July 1872 July 1872 July 1872 July 1872 July 1872 July 1872 July 1873 July 1874 July 1872 July 1873 July 1874 July 1872 July 1873 July 1874	12 12 12 12 12 12 12 12 12 12 12 12 12 1	111111111111111111111111111111111111111	M M M M M M M M M M M M M M M M M M M	2, 00 2, 00 2, 00 2, 00 2, 00 2, 00 2, 00 1, 50 1, 75 1, 75 1, 75 1, 75 2, 25	per (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	11	Jan. 1874 July 1874 July 1875 July 1875 July 1876 July 1876 July 1877 July 1877 July 1878 July 1878 July 1878 July 1878 July 1878 July 1880 July 1880 July 1880 July 1882 July 1883 July 1884 July 1884 July 1884 July 1884 July 1884 July 1884 July 1884 July 1885 July 1885 July 1885 July 1885 July 1886 July 1888 July 1888 July 1888 July 1888 July 1888 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889	11 11 11 11 11 11 11 11 11 11 11 11 11	111111111111111111111111111111111111111	M M M M M M M M M M M M M M M M M M M	2. 3.74 1 2 3 4 4 4 5 4 5 4 5 6 5 6 5 6 5 6 5 6 5 6 5	POT C C C C C C C C C C C C C C C C C C C	11 ay.
July 1873	11	1	M	2. 50	6.6	48							
The same of the sa	ì	1	l	I			1	1		I	1 3		

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued. OVERSEERS, SPINNING DEPARTMENT.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wage	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wa	ages.
Jan. 1853	12 12	1 1	M M	\$1.50 1.75	per day	July 1871 Jan. 1872 July 1872	11 11 11	2 2 2 2 2	M M M	\$2.50 2.50 2.50	per da	ay.
A verage	12	2	M	1.621	44 44	Jan. 1878 July 1873	11 11	2 2	M M	2.50 2.50		14
July 1853 Jan. 1854	$\frac{12}{12}$	2 2	M	1.75 1.75	44 44	Jan. 1874	111	2	M	2. 25	66 6	
July 1854	12 12	1	M M	1. 62½ 1. 75	61 66 61 66	July 1874	11	1	M M	2. 25 2. 37 ₁	64 61	
Avêrage	12	2	м	1.681	** **	Average		2	М	2, 31 1	44 61	
Jan. 1855 July 1855 Jan. 1856	$12 \\ 12 \\ 12$	2 2	M M M	1.75 1.75 1.75	11 46	Jan. 1875 July 1875 Jan. 1876	11 11 11	2 2 2	M M M	$ \begin{array}{c} 2.37\frac{1}{2} \\ 2.37\frac{1}{2} \\ 2.08\frac{1}{2} \end{array} $	tr tr	ı
July 1856 Jan. 1857 July 1857	12 12 12 12	2 2 2 2 2	M M M	1 75 1 75 1 75	11 11	July 1876	11 11	1	M	$1.87\frac{1}{2}$ $2.08\frac{1}{2}$	66 E1	
Jan. 1858 July 1858	$\frac{12}{12}$	2 2	M M	1.50 1.62½	44 44	Average	11	2	M	1. 98	44 11	
Jan. 1859 July 1859 Jan. 1860	$\frac{12}{12}$ $\frac{12}{12}$	2 2 2 2 2 2 2	M M M	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	11 11	Jan. 1877 July 1877 Jan. 1878	11 11 11	2 2 , 2	M M M	1. 87± 1. 87± 1. 87±	66 66	<u>د</u>
July 1860 Jan. 1861 July 1861	12 12 12	2 2 2	M M M	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	66 66 66 66	July 1878 Jan. 1879 July 1879	11 11 11	, 2 , 2 2 2 1 1	M M M	1. 87½ 1. 87½ 1. 87½	11 11	4
Jan. 1862	$\frac{12}{12}$	1 1	M M	$1.58\frac{1}{2}$ $1.62\frac{1}{2}$	66 46 16 66	Jan. 1880 July 1880 Jan. 1881	11 11 11	1	M M M	$ \begin{array}{c} 1.87\frac{1}{9} \\ 2.09\frac{1}{9} \\ 2.25 \end{array} $	46 46	6
Average	12	2	М	1.601	14 46	July 1881 Jan. 1882 July 1882	11 11 11	1 1 1	M M M	2. 25 2. 75 2. 25	44 41	ı
July 1862	12	2	M	1.62½	66 66	Jan. 1883 July 1883	11 11	1 1	M	2. 25 2. 25 2. 25	66 EE	-
July 1865	12 12	· 1	M M	2.00 2.25	41 44	Jan. 1884 July 1884	11 11 11	1 1 1	M M M	2. 25 2. 25 2. 02½	11 14 12 14 14 14	6
Average	12	2	M	2. 121	44 41	Jan. 1885 July 1885 Jan. 1886	11	, 1	MM	$2.02\frac{1}{9}$ $2.02\frac{1}{9}$ $2.02\frac{1}{9}$	44 64	
Jan. 1866 July 1866 Jan. 1867 July 1867 Jan. 1868 July 1868 Jan. 1869 July 1869 July 1869 July 1870 July 1870 July 1870	12 12 12 11 11 11 11 11 11	22222222222	M M M M M M M M M M M M	2. 25 2. 25 2. 50 2. 50 2. 50 2. 50 2. 50 2. 50 2. 50 2. 50 2. 50 2. 50	44 44 44 44 44 44 44 44 44 44 44 44 44	July 1886 Jan. 1887 July 1887 July 1888 July 1888 July 1889 July 1890 July 1890 July 1890 July 1891	10 10 10 10 10 10 10 10 10	1 1 1 1 1 1 1	M M M M M M M M M	2. 021 2. 25 2. 25 2. 25 2. 25 2. 25 2. 25 2. 25 2. 25 2. 25 2. 25 2. 25 2. 25 2. 25	46	6 6 6 6 6 6

OVERSEERS, SPOOLING DEPARTMENT.

July 1857 Jan. 1858 July 1858 Jan. 1859 July 1859 July 1859 Jan. 1860 July 1860 July 1861 July 1862 July 1862 July 1865 July 1865 July 1865 July 1865 July 1865 July 1865 July 1865 July 1865 July 1865 July 1865 July 1865 July 1865 July 1865 July 1865	12 12 12 12 12 12 12 12 12 12 12 12 12	111111111111111111111111111111111111111	M M M M M M M M M M M M M	1. 37½ per day, 1. 25 " " " 1. 50 " " 1. 62½ " " " 1. 62½ " " " 1. 62½ " " " 1. 62½ " " " 1. 62½ " " " 1. 62½ " " " 1. 62½ " " " 1. 62½ " " " 1. 62½ " " " 2. 25 " " " 2. 25 " " " 2. 25 " " "	July 1869 Jan. 1870 July 1870 Jan. 1871 July 1871 July 1872 Jan. 1872 July 1872 July 1873 July 1873 July 1874 July 1874 July 1875 July 1875 July 1876 July 1876	11 11 11 11 11 11 11 11 11 11	1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M	2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.50	per day.
July 1867	11	1	M	2.50 " "	Jan. 1877	11	1 M	1.87	44 44
Jan. 1868 July 1868	11 11	1	M	2 50 44 44	July 1977	11	1 M 1 M	1.87± 1.87±	44 44
Jan. 1869	11	1	M	2,50 " "	Jan. 1878 July 1878	11 11	i M	1.87	44 44

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued.

OVERSEERS, SPOOLING DEPARTMENT—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of 1	wages.
Jan. 1879 July 1879 Jan. 1880 July 1880 July 1881 July 1881 Jan. 1882 July 1882 July 1883 July 1883 July 1883 July 1884 Jan. 1884	11 11 11 11 11 11 11 11	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M	\$1. 87½ per day. 1. 60½ " " 1. 87½ " " 2. 06½ " " 2. 25 " " 3. 20½ " " 4. 30 " "	July 1885 Jan. 1886 July 1886 July 1886 July 1887 Jan. 1889 Jan. 1890 July 1889 July 1889 July 1890 July 1890 July 1890	11 . 11 . 10 . 10 . 10 . 10 . 10 . 10 .	111111111111111111111111111111111111111	M M M M M M M M M M M M M	\$2.02\frac{1}{2}.02\frac{1}{2}.202\frac{1}{2}.25\frac{1}{3}.00\frac{3}{3	per 11 11 11 11 11 11 11 11 11 11 11 11 11	day.

OVERSEERS, WEAVING DEPARTMENT.

							11						
Jan. 1853	12	1	м	1, 75	ne"	day.	Jan. 1874	11	1	M.	3, 00	ner	day.
July 1853	12	i	M	2 00	Per	any.	July 1874	11	i	M	2.50	Por	uay.
Jan. 1854	12	î	M	2, 25	64	44	Jan. 1875	11	î	M	2, 75	66	4.6
July 1854	12	î	M	2, 25	4.4	44	July 1875	11	ī	M	2, 75	4.6	44
Jan. 1855	12	ī	M	2. 25	6.6	44	Jan. 1876	11	ī	M	2.75	4.4	44
July 1855	12	ī	M	2, 25	8.6	6.6	July 1876	11		M	2.41	6.6	44
Jan. 1856	12	ı î	M	2, 25	4.6	44	Jan. 1877	11	1	$\overline{\mathbf{M}}$	$2.17\frac{1}{8}$	6.6	44
July 1856	12	1	M	2. 25	44	66	July 1877	11	1	M	$2.17\frac{2}{8}$	64	44
Jan. 1857	12	1	M	2. 25	4.6	64	Jan. 1878	11	1	M	$2.17\frac{7}{3}$	14	64
July 1857	12	1	M	2. 25	6.6	44	July 1878	11.	1	\mathbf{M}	2. 17	44	44
Jan. 1858	12	1	M	2.00	4.6	4.6	Jan. 1879	11	1	M	$2.17\frac{1}{6}$	4.6	4.4
July 1858	12	1	M	1.75	6.6	4.6	July 1879	11	1	M	2.00	6.6	4.5
Jan. 1859	12	1	M	1.75	44	44	Jan. 1880	11	1	\mathbf{M}	2.00	4.4	4.4
July 1859	12	1	M	1.75	44	56	July 1880	11	1	M	2.50	64	44
Jan. 1860	12	1	M	1.75	44	66	Jan. 1881	11	1	M	2.50	4.4	44
July 1860	12	1	M	2.00	44	44	July 1881	11	1	M	2, 50	44	44
Jan. 1861	12	1	M	2.00	44	64	Jan. 1882	11	1	M	2, 50	44	44
July 1861	12	1	M	2.00	4.4	44	July 1882	11	1.	M	2.50	14	44
Jan. 1862	12	1	M	1.50	66	16	Jan. 1883	11	1	м	2.75	44	66
July 1862	12	1	M	1.50	44	"	July 1883	11	1	M	2.75	64	
July 1865	12	1	M	2.75	6.6	46	Jan. 1884	11	1	M	2.75	66	6.6
Jan. 1866	12	1	M	2.75	44	"	July 1884	11	1	M	2.75 2.50	44	44
July 1866	12	1	M	2.75	44	**	Jan. 1885	11 11	1 1	M	2.50	64	66
Jan. 1867	12	1	M	3.00	84	44	July 1885	11	1	M	2.50	16	44
July 1867	11	1		3.00	44	44	Jan. 1886	10	1	M	2.50	46	46
Jan. 1868	11	1 1	M	3.00	44	46	July 1886 Jan. 1887	10	1	M	2.50	6.6	44
July 1868	11 11		M	3.00	64	66	July 1887	10	i	M	2.50	16	6.6
Jan. 1869	11	1 1	M	3.00	44	44	Jan. 1888	10	i	M	2.50	64	6.6
July 1869 Jan. 1870	11	1	M	3.00	44	66	July 1888	10	i	M	2.50	4.6	6.6
	11	1	M	8.00	44	44	Jan. 1889	10	î	M	2.50	6.6	4.6
July 1870 Jan. 1871	11	1	M	3.00	44	44	July 1889	10	i	M	2.50	4.6	61
July 1871	11	1	M	3.00	44	66	Jan. 1890	10	1	M	2.50	6.6	44
Jan. 1872	11	1 1	M	3.00	44	4.6	July 1890	10	i	m	3.00	6.6	44
July 1872	11	i	M	3.00	66	46	Jan. 1891	10	î	M	3.00	44	"
Jan. 1873	11	i	M	3, 00	44	44	July 1891	iŏ	î	m	3.00	44	66
July 1873	11	i	m	3.00	48	44	1 2001			_	1		
2 41, 1010			1	0.00									
1								<u>'</u>			<u> </u>		

PICKERS (boys).

Jan. 1853 July 1853 Jun. 1854 July 1854 July 1855 July 1856 July 1856 July 1856 July 1857 July 1858 July 1858 July 1858 July 1858 July 1859 July 1859	12 12 12 12 12 12 12 12 12 12 12 12		M M M M M M M M M M M M M M M M M M M	.25 per day25 " " .25 " " .25 " " .25 " " .33\frac{1}{4} " " .33\frac{1}{4} " " .33\frac{1}{4} " " .33\frac{1}{4} " " .33\frac{1}{4} " " .33\frac{1}{4} " " .33\frac{1}{4} " " .33\frac{1}{4} " " .33\frac{1}{4} " "	July 1860 Jan. 1861 July 1861 Jun. 1862 July 1862 July 1865 Jan. 1866 July 1865 Jan. 1867 July 1868 Jan. 1869 July 1868 July 1868 July 1868 July 1868 July 1869 July 1869 July 1869	12 12 12 12 12 12 12 12 12 11 11 11 11	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	M M M M M M M M M M M M	35½ 1 35½ 35½ 33½ 31½ 4 41½ 46 46 46 41½ 30 50 50	06r 44 44 44 44 44 44 44	day.	
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COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK-Continued

PICKERS (boys)-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.
July 1870 Jan. 1871 July 1871 Jan. 1872 July 1872 Jan. 1873 Jan. 1873 July 1873 July 1874 July 1875 July 1875 July 1875 July 1875 July 1875 July 1877 July 1877 July 1877 July 1877	11 11 11 11 11 11 11 11 11 11 11 11 11	222222111111111111111111111111111111111	M M M M M M M M M M M M M M M M M M M	\$0.50 .50 .50 .50 .50 .50 .50 .50 .50 .41 .35 .35 .35 .35 .35 .35 .35 .35	per day. 11	July 1879 Jan. 1880 July 1880 July 1881 July 1882 July 1882 July 1882 July 1883 July 1883 July 1884 July 1885 July 1885 July 1885 July 1885 July 1885 July 1885 July 1885 July 1885	11 11 11 11 11 11 11 11 11 11 11 11 11	111111111111111111111111111111111111111	M M M M M M M M M M M M M M M M M M M	\$0, 35\frac{1}{2}\$. 35\frac{1}{2}\$. 46 . 46 . 46 . 41\frac{1}{2}\$. 50 . 50 . 43\frac{1}{2}\$. 50 . 50 . 50 . 50 . 50 . 50 . 50 . 50	per (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	day

PIECERS, BACK (boys).

Jan. 1853 12/3 3 M .21 per day. July 1853 12/3 3 M .21 " July 1874 11 3 M .62½ per day. Jan. 1854 12 3 M .25 " July 1875 11 3 M .62½ " July 1855 12 3 M .25 " July 1876 11 3 M .64½ " July 1855 12 3 M .29 " July 1876 11 3 M .50 " July 1856 12 3 M .25 " Jan. 1877 11 3 M .48 " July 1856 12 3 M .25 " Jan. 1877 11 3 M .48 " Jan. 1887 12 3 M .25 " Jan. 1878 11 3 M .48 "	Jan. 1854 12 3 M .25 " " Ja July 1854 12 3 M .25 " " Ju Jan. 1855 12 3 M .25 " " Ju July 1855 12 3 M .25 " " Ju July 1855 12 3 M .29 " " Ju	lly 1874 11 3 n. 1875 11 3	M .62½ " " M .61½ " "
5 H .023	July 1856 12 3 M 25 " July 1857 12 3 M 25 " July 1857 12 3 M 25 " July 1858 12 3 M 25 " July 1858 12 3 M 25 " July 1859 12 3 M 25 " July 1859 12 3 M 25 " July 1859 12 3 M 29 " July 1859 12 3 M 29 " July 1869 12 3 M 29 " July 1869 12 3 M 29 " July 1869 12 3 M 29 " July 1869 12 3 M 29 " July 1869 12 3 M 29 " July 1869 12 3 M 29 " July 1869 12 3 M 25 " July 1869 12	1	M .50 " " " " " " " " " " " " " " " " " " "

PIECERS, FRONT (boys).

Jan. 1853 July 1853 Jan. 1854 July 1854 Jan. 1855 July 1855 Jan. 1856 July 1856	12 12 12 12 12 12 12 12 12	3 M 3 M 3 M 3 M 3 M 3 M 3 M	.33½ per day33½ " " .41½ " " .58½ " " .58½ " " .58½ " "	July 1857 Jan. 1858 July 1858 Jan. 1859 July 1859 Jan. 1860 July 1860 Jan. 1861	12 12 12 12 12 12 12	3 M 3 M 3 M 3 M 3 M 3 M 3 M	.56 .56 .58½ .58½ .58½ .58½	66 66 66 66	day.
Jan. 1857	12	3 M	.581 " "	Jan. 1861 July 1861	12 12	3 M 3 M	. 581	46	46

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—('ontinued.

PIECERS, FRONT (boys)—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payr of-		Hours per day.	Different employés.	Sex.	Rate	of	wages.
Jan. 1862 July 1862 July 1862 July 1865 July 1866 July 1866 July 1867 July 1869 July 1869 July 1869 July 1870 July 1870 July 1871 July 1871 July 1872 July 1872 July 1872 July 1872 July 1872 July 1872 July 1873 July 1874 July 1874 July 1874 July 1874 July 1874 July 1874 July 1874 July 1874 July 1875 July 1875 July 1875 July 1875 July 1875 July 1875	12 12 12 12 12 12 11 11 11 11 11 11 11 1		M M M M M M M M M M M M M M M M M M M	\$0. 33\frac{1}{2}\$ 33\frac{1}{2}\$ 33\frac{1}{2}\$ 33\frac{1}{2}\$ 66\frac{1}{2}\$ 75\\ .83\frac{1}{2}\$ 83\frac{1}{2}\$ 83\frac{1}{2}\$ 100\\ .83\frac{1}{2}\$ 100\\ .83\frac{1}{2}\$ 100\\ .91\frac{1}{2}\$ 100\	per	" day. "" "" "" "" "" "" "" "" "" "" "" "" ""	July Jan. July Jan.	1879 1879 1880 1880 1881 1881 1882 1882 1883 1884 1885 1886 1886 1886 1886 1887 1888 1888 1888	11 11 11 11 11 11 11 11 11 11 11 11 11	8 6 6 8 2 2 2 2 2 2 2 2 2 2 3 2 3 3 5 5 6 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7	M M M M M M M M M M M M M M M M M M M	*0. 83 \(\frac{1}{2} \) \(\f	per 16 16 16 16 16 16 16 16 16 16 16 16 16	day. "" "" "" "" "" "" "" "" "" "" "" "" ""
July 1876 Jan. 1877 July 1877 Jan. 1878	11 11 11 11	3 3 3 3	M M M M	. 75 . 831 . 831 . 831	64 64 65	44 44 44	July Jau. July	1891	10 10 10	3 3 3	M M M	. 91½ . 91½ . 91½	46	16

ROPING BOYS.

								· ·				
Jan. 1853 July 1853	12 12	1 1	M M M	. 181 "	day.	Jan. 1874 July 1874	11 11	1	M M	. 50	per	day.
Jan. 1854 July 1854	12 12	1 1	M	. 18½ ''	66	Jan. 1875 July 1875	11	1	M	.581	44	66
Jan. 1855	12	. î	M	. 27 "	6.6	Jan. 1876	11	î	M	. 661	4.4	6.6
July 1855	12	1	M	.311 ''	4.6	July 1876	11	1	M	. 58%	14	£ £
Jan. 1856	12	1	M	. 311 "	6.6	Jan. 1877	11	1	·M	. 581	4.6	66
July 1856	12	1	M	, 314 "	* 11	July 1877	11	1	М	$,58\frac{1}{2}$	4.6	3.5
Jan. 1857	12	1	M	. 311 "	44	Jan. 1878	11	1	M	. 581	6.6	66
July 1857	12	1	M	. 331 ''	46	July 1878	11	1	M	.581	14	44
Jan. 1858 July 1858	12 12	1 1	M	. 25 "	46	Jan. 1879	11 11	1 1	M	. 581	66	14
Jan. 1859	12	1	M	.331 "	66	July 1879 Jan. 1880	. 11	1	M	. 581	64	81
July 1859	12	i	M	331 "	44	July 1880	11	1	M	. 581	1.6	66
Jan. 1860	12	î	M	.335 "	44	Jan. 1881	11	î	M	, 581	1.1	4.6
July 1860	12	ī	M	. 331 "	6.6	July 1881	11	l î	M	. 621	t t	4.6
Jan. 1861	`12	ī	M	333 "	4.4	Jan. 1882	11	1	M	. 625	6.6	4 6
July 1861	12	1	M	: 331 "	6.6	July 1882	11	1	M	. 584	4.4	4.6
Jan. 1862	12	1	M	. 41 1 "	6.6	Jan. 1883	11	1	M	. 58½		4.4
July 1862	12	1	M	2 . 37½ "	44	July 1883	11	1	M	, 58 §	1.6	5.6
July 1865	12	1 1	M	$1.60\frac{1}{2}$ "	66,	Jan. 1884	11	1	M	. 581	11	44
Jan. 1866	12	1 1	M	. 601 11	11	July 1884	11	1	M	.581	66	46
July 1866 Jan. 1867	12 12	1	M	1 .003	44	Jan. 1885	11	1	M	. 52	.,	4.6
July 1867	11	1 1	M	. 601	11	July 1885 Jan. 1886	11 11	1 1	M M	.52	a	4.6
Jan. 1868	11	1	M	. 60 1 "	15.	July 1886	10	1	M	.52		6.6
July 1868	11	1	M	661 "	ű	Jan. 1887	10	i	M	.52	14	44
Jan. 1869	11	î	$\overline{\mathbf{M}}$	661 "	61	July 1887	10	î	M	. 52	1.6	6.5
July 1869	ti	ī	M	. 665 "	4.4	Jan. 1888	10	l ī	M	. 54	6.6	6.6
Jan. 1870	11	ĺ	M	. 663 **	6.6	July 1888	10	ĺ	M	. 54	4	4.4
July 1870	11	1	M	. 665 "	64	Jan. 1889	10	1	M	. 581	1.4	6.6
Jan. 1871	11	1	M	, 661 ''	11	July 1889	10	1	M	. 581		11
July 1871	11	1	M	. 661 '4	44	Jan. 1890	10	1	M	$.66\frac{1}{2}$	**	6.6
Jan. 1872	11	1	М	. 66½ ''	6 h	July 1890	10	1	M	. 66	6.6	44
July 1872 Jan. 1873	11	1	M	.50 "	46	Jan. 1891	10	1	M	. 661	16	44
July 1873	11	1	M M	. 00	"	July 1891	10	1	M	. 661	.,	••
am's 1919	11	1	TAT.	. 50 "	••							
- 1				1		II /		l.		I .		

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

COTTON GOODS: ESTABLISHMENT: No. 41, NEW YORK—Continued. SECOND HANDS.

					~								
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.	Payroll of—	Hours per day.	Different employés	Sex.	Rate	of	wage
Jan. 1853	12 12 12 12 12	1 1 1 2	M M M M	\$0.50 .75 1.25 .1.50	per	day.	July 1858	12 12 12 12 12	1 1 1 1	M M M M	\$0, 58½ . 75 1, 12½ 1, 25 1, 37½	per	day.
Average	12	5	М	1, 10	11	41	Avėrage	ļ,	5	м	1.011	"	44
July 1853	12 12 12 12	1 1 1 2	M M M M	.50 .79 1.25 1.50	68 68 66	"	Jan. 1859	12 12 12 12	1 1 1	M M M M	. 581 . 871 1. 121 1. 25	66 66	44 44 44
Average	12	5_	M	1.11	"	44		12	1	M	1. 37	56	"
Jan. 1854	12 12 12 12	1 1 1 2	M M M M	.50 .831 1.25 1.50	44	66 64 66	Average July 1859	12 12 12 12 12 12	1 1 1 2	M M M M	1.04 .58½ .87½ 1.12½ 1.37½	66 66	14 44 46
Average	12	5	М	1.111	64	**	Average	12	5	м	1.061	46	**
July 1854	12 12 12 12	1 1 1 2	M M M M	. 50 . 83½ 1. 25 1. 50	66 6E 66	44 64 64	Jan. 1860	12 12 12 12 12	1 1 1 2	M M M M	. 58½ 1. 00 1. 12½ 1. 37½	14 16 14 14	41 41 41
Average	12	5	M	1.111	66	6.6	Average	12	5	M	1.09	**	46
Jan. 1855	12 12 12 12	1 1 1 2	M M M M	. 52 . 83½ 1. 00 1. 50	14	66 61 66 44	July 1860	12 12 12 12 12	1 1 1 2	M M M M	. 66½ 1. 00 1. 25 1. 37½	11 11 11	66 66 66
Average	12	5	м	1.07	**	44	Average	12	5	м	1. 131	"	**
July 1855	12 12 12 12 12	1 1 1 2	M M M M	. 52 . 83½ 1. 00 1. 35	66 66 66	44	Jan. 1861	12 12 12 12	1 1 1 2	M M M M	.75 1.00 1.25 1.37½	61 61 64	66 66
Average	12	5	м	1.01	44	44	Average	12	5	М	1.15	"	44
Jan. 1856	12 12 12 12 12	1 1 1 2	M M M M	. 54 . 87 <u>1</u> 1. 00 1. 50	66	44	July 1861	12 12 12 12	1 1 1 2	M M M M	.75 1.00 1.25 1.37½	44 44 44	66 66
Average	12	5	М	1.081	"	44 .	Average	12	5	м	1.15	64	46
July 1856	12 12 12 12	1 1 1 2	M M M M	. 54 . 87½ 1. 25 1. 50	44 44 44	44 44 44	Jan. 1862	12 12 12	2 1 2	M M M	1, 00 1, 25 1, 37½	**	66 66
Average	12	5	М	1. 131	66	44	Average		5	M	1. 20	"	14
Jan. 1857	12 12 12 12	1 1 1 2	M M M M	1. 00 1. 25 1. 50	66 66 66	44 44 44	July 1862	12 12 12 12 12	1 1 1 2	M M M M	.87½ 1.00 1.25 1.37½	46 66	44 44 44
Average	12	5	М	1.18	44	44	Average	1	5	M	1. 17	"	"
July 1857	12 12 12 12	1 1 1 2	M M M M	. 66½ 1. 00 1. 25 1. 50	66 66	46 66 46	July 1865	12 12 12 12 12	1 1 1 2	M M M M	1. 37½ 1. 50 1. 75 2. 25	11	66 66 69 *
Average	12	5	M	1. 181	4.5	66	Average	i	5	M	1.821	41	"
J an. 1858	12 12 12 12	1 1 1 2	M M M M	.50 .75 1.12 1.25	44 44 44	61 61 65	Jan. 1866	12 12 12 12 12 12	1 1 1 1	M M M M M	1. 25 1. 624 1. 75 2. 00 2. 25	66 66 48	66 66 68
Average	12	5	M	. 973	**	44	Average	12	5	M	1.77	66	44

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued.

SECOND HANDS-Continued.

sit.				15161		U HAN	DS-Contin	ueu.					
Payroll of-	Hours per day,	Different employés.	Sex.	Rate	of v	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1866	12 12 12 12 12 12	1 1 1 1 1	M M M M	\$1. 25 1. 62\frac{1}{2} 1. 75 2. 12\frac{1}{2} 2. 25	per "	day.	Jan. 1872	11 11 11 11 11	1 1 1 1	M M M M	\$1. 37½ 1. 50 2. 00 2. 25 2. 50	per "	day.
Average	12	5	M	1.80	11	4.6	Average	11	5	M	1. 921	64	44
Jan. 1867	12 12 12 12 12	1 2 1 1	M M M M	1. 37½ 1. 87½ 2. 25 2. 50	6 6 6 6	66 66 64	July 1872	11 11 11 11 11	. 1 1 1 1 1	M M M M	1. 37½ 1. 50 2. 00 2. 25 2. 50	14 15 11	11 11 11
A.verage	- 12	5	M	1.971	14	t t	Average		5	M	1. 921	66	4.6
July 1867	11 11 11 11	1 2 1 1	M M M M	1. 37½ 1. 87½ 2. 25 2. 50	6 6 6 6 6 6	4.6 %.6 ***	Jan. 1873	11 11 11 11	1 1 1 1 1	M M M M	1. 37½ 1. 50 1. 87½ 2. 25	14	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
Average	`11	5	M	1.97	t t	**	-	îî	î	M	2. 50	44	
Jan. 1868	. 11 11	$\frac{1}{2}$	M M	1.37½ 1.87½	44	66	Average		5	M	1.90	**	44
Average	11 11	1 1 5	M M.	2. 25 2. 50 1. 97a	11	16	July 1873	11 11 11 11 11	1 1 1	M M M M	$ \begin{array}{c c} 1.33\frac{1}{2} \\ 1.37\frac{1}{2} \\ 1.87\frac{1}{2} \\ 2.00 \end{array} $	44 .	6 6 6 6 6 6
July 1868	11	1	м	_		4.6		11	1	М	2. 50	4.6	1.6
<i>b</i> any 1000	11 11 11	1 1	M M M	$1.37\frac{1}{2}$ $1.87\frac{1}{2}$ 2.25 2.50	16	64 64	Average Jan. 1874	11 11	. 5 . 1	M M	1.81½ 1.12½	44	
Average		. 5	м	1. 97	11	44	Jan. 1874	11 11	. 1	M	1.33½ 1.50	44	4.6
Jan. 1869	11	1	м	1. 371	**	14		11	2	M	2.00	4.6	44
	11 11 11	2 1 1	M M M	$ \begin{array}{c c} 1.87\frac{1}{2} \\ 2.25 \\ 2.50 \end{array} $	11	64 64	Average July 1874	11	5	M	1.59	- ''	44
Average	11	5	M	1. 97½	"	14	July 10.1	11 11	1 1	M	1.331	11	66 66
July 1869	11	1	M	1. 37½	4.6	64		111	1	M	2.00 2.25		**
•	11 11 11	2 1 1	M M M	$ \begin{array}{c c} 1.87\frac{1}{2} \\ 2.25 \\ 2.50 \end{array} $	66	64 66	Average	11	. 5	M	1. 68		**
Average		5	M	1.971	66	6.6	Jan. 1875	11 11	1	M	1.00 1.413	4.6	44
Jan. 1870	11	1	M.	1.371	14	44		11 11	1	M	$\frac{1.68\frac{7}{2}}{2.00}$		66
омп. 1610	. 11	2	M	1.87	11	£ 6		11	i	M	2, 25	4.6	**
	11	- 1	M	2. 25 2. 50			Average	11	5	M	1. 67	44	**
Average	11	5	M	1.971	6.6	4.6	July 1875	11 11	1 1	M	1.00 1.50	44	44
July 1870	11 11 11	1 2 1	M M M	1. 37½ 1. 87½ 2. 25	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	66 66		11 11 11	1 1 1	M M M	$ \begin{array}{c c} 1.68\frac{1}{2} \\ 1.75 \\ 2.25 \end{array} $	16	11
Average	11	5	M	2.50		46	Average	11	5	M	1.631	1.6	14
Jan. 1871	11	1	MC	1.37	44	44	Jan. 1876	11 11	1 1	M	1. 25 1. 31½	6.6	16
10/1	11 11 11	1 1	M M M	1, 87½ 2, 25 2, 50	44 44	46 46 46		11 11 11	, <u>1</u> 1	M M M	1.48 1.58½ 1.98	14	44
Average	. 11	5	м	1.974	4.6	44	Average		5		1.52		44
July 1871	11 11 11 11 11	1 1 1 1	M M M M	$ \begin{array}{c c} 1.37\frac{1}{2} \\ 1.87\frac{1}{3} \\ 2.00 \\ 2.25 \\ 2.50 \end{array} $	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	66 65 66 66	July 1876	11 11 11 11 11	1 1 1 1	M M M M	1. 18½ 1. 25 1. 33½ 1. 58½ 1. 77	" "	44 44 41
Average	11	5	M	2.00	**	46	Average	11	5	M	1. 421	64	66

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK-Continued.

SECOND HANDS-Continued.

											_			
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wage	BB.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vagei
Jan. 1877	11 11 11 11	1 2 1 1	M M M	\$1. 18½ 1. 33½ 1. 58½ 1. 77	per	day	y .	Jan. 1882	11 11 11 11	2 2 1 1	M M M M	\$1.08\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	P81	day
Average	11	5	M	1.44	**	44		Average	11	6	M	1.41	66	44
July 1877	11 11 11 11	1 2 1 1	M M M M	1. 18½ 1. 33½ 1. 58½ 1. 77	11	64 66 64		July 1882	11 11 11 11	1 2 1	М М М	1. 08½ 1. 33½ 1. 46 2. 00	66 66 66	66 68 61 45
Average	11	5	М	1.44	6.6	4.6		Average	11	5	м	1.441	66	66
Jan. 1878	11 11 11 11 11	1 1 1 1	л л л л	1. 18½ 1. 33½ 1. 50 1. 58½ 1. 77	66 66 66	11 12 12 13		Jan. 1883	11 11 11 11	1 1 2 1	M M M M	1. 08½ 1. 16½ 1. 46 1. 83½	66 48 46 66	11 11
Average	11	5	м	1. 471	···	4.6		Average	11	5	M	1.40	46	66
July 1878	11 11 11 11	1 1 1 1	M M M	1. 18½ 1. 33½ 1. 50 1. 58½	4.6 4.6 4.6	66 66		July 1883	11 11 11 11	1 1 2 1	л л м м	1. 08½ 1. 16½ 1. 46 1. 83½	44 44 44	44 44 44
	11	1	M	1.77	6.6	4.6		Average	11	5	М	1.40	44	"
A verage Jan. 1879	11 11 11	5 1 1	MM	1. 47½ 1. 18½ 1. 33½	44	**	1	Jan. 1884	11 11 11 11	1 1 2 1	M M M M	1. 08½ 1. 16½ 1. 46 1. 83½	16	66 66
	11 11	1 1	M	1.50 1.58	66	46		Average	11	5	M	1.40		46
Average	11	5	M	1. 471		"		July 1884	11 11	2 2	M M	1.08½ 1.46	66	61 64
July 1879	11	2	М	1. 081	66	44			11	1	M	1.831	"	
	11 11 11	1 2 1	M M M	1. 331 1. 581	66	"		Average Jan. 1885	11	5	M M	1. 38½ . 98		44
Average	11	6	М	1.27	6.6	66			11 11 11	$\begin{array}{c} 1\\2\\1\end{array}$	M M M	1. 08½ 1. 33½ 1. 65	14	46
Jan. 1880	11 11	$\frac{1}{2}$	M M	1.00 1.081	11	11		Average	11	5	M	1. 271	44	11
	11 11 11	1 1 1	M M M	1. 16½ 1, 50 1. 58¾	11	66		July 1885	11 11 11	1 1 2	M M M	. 98 1. 08½ 1. 33½	66 66	66 16 46
Average	11	6	M	1. 231	11	44		!]	11	1	M	1.65•	44	**
July 1880	11 11 11 11	3 1 1 1	M M M M	1. 08½ 1. 29 1. 62½ 2. 00	44	66 64 66		Average Jan. 1886	11 11 11	5 2 1	M M M	1. 27½ 1. 08½ 1. 33½	11	66 66
Average	11	6	M	1.36	46	4.6			11	2	M	1.41	16	44
Jan. 1881	11	3	M	1.081	44			Average	11	5	M	1. 261	41	11
	11 11 11	1 1 1	M M M	$1.33\frac{1}{1}$ $1.62\frac{1}{2}$ 2.00	44	"		July 1886	10 10 10	1 1 2	M M M	1.00 1.08½ 1.41½	66 66	44 44 44
Average	11	6	М	1. 37	4.6	66		A grana is	10	5	M	1. 581	46	
July 1881	11 11 11 11	2 1 1 1	M M M	$1.08\frac{1}{2}$ 1.25 $1.33\frac{1}{2}$ $1.62\frac{1}{2}$	66 66 66	66 66		Jan. 1887	10 10 10	-1 -1 2	M M M	1.00 1.08 1.41	66 66 66	64 44
Average	11	6	M M	2.00° 1.39½	41	"		A	10	1	M	1.58	"	"
Timese	Д. 1	บ	TAT	T. 093	-		ı	Average!	10	5	М	1.30		

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued.

SECOND HANDS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1887	10 10	1 1 2	M M M	1.081	per	day.	July 1889- cone'd.	10 10	1 1	M M	\$1, 58½ 1, 66½	per	day.
	10 10	1	M	1.411 1.581	11	**	Average	10	5	M	1.381	44	46
Average	10	5	M	1.30	44	**	Jan. 1890	10 10	1 1	M	1.08½ 1.16½	44	£ 1.
Jan. 1888	10 10	1	M M	1.00- 1.081	11	11 11		10 10	1	M	1.50 1.58½	66	46
	10 10	1 2 1	M	1.41	14	66	Average	10		M	1.75		14
Average	10	5	М	1, 30	46	66	July 1890	10	1	м	1.08	6.6	44
July 1888	10	1	M	1.00	44			10 10	1	M	1. 16½ 1. 50	66	66 66
	10 10	1 1 1	M M M	1.08½ 1.41½ 1.50	11	66 66		10 10	1	M	1.66½ 1.75	41	44
	10 10	1	M	1.581	44	44	Average	10	5	М	1.431	11	11
Average	10	5	M	1.31½	14	44	Jan. 1891	10 10	1 1	M	1.08½ 1.50	44	66
Jan. 1889	10 10	1,1	M	1.00 1.081	11	11 11		10 10	1 2	M	1.66½ 1.75	"	66
	10 10 10	1 1	M M M	1. 41½ 1. 50 1. 58½	64	64 64	Average	10	5	М	1.55	16	"
Average		5	м	1. 311	41	46	July 1891	10 10	1 2	M	1.08± 1.66±	46	66
July 1889	10	2	м	1.08	16	"		10	2	M	1.75	44	44
·	10	1 1	М	1.50	"		Average	10	5	М	1. 58½		

SLUBBER TENDERS.

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued, SPEEDER TENDERS.

Payroll of-	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.
Jan. 1853 July 1853 July 1853 July 1854 July 1855 July 1855 July 1856 July 1856 July 1857 July 1857 July 1857 July 1859 July 1859 July 1860 July 1860 July 1862 July 1862 July 1862 July 1862 July 1862 July 1863 July 1863 July 1863 July 1863 July 1863 July 1863 July 1869 July 1869 July 1869 July 1869 July 1873 July 1873 July 1873 July 1873 July 1873 July 1873 July 1873 July 1873 July 1873 July 1873 July 1873 July 1873 July 1873	12 12 12 12 12 12 12 12 12 12 12 12 12 1	66666666666667777777777766666		\$0.70 per day. .70	Jan. 1874 July 1874 Jan. 1875 July 1875 July 1875 July 1875 July 1876 July 1876 July 1877 July 1879 July 1879 July 1879 July 1880 July 1881 July 1881 July 1883 July 1883 July 1883 July 1883 July 1884 July 1885 July 1885 July 1885 July 1885 July 1888 July 1888 July 1888 July 1888 July 1888 July 1888 July 1888 July 1888 July 1888 July 1888 July 1888 July 1889	111 111 111 111 111 111 111 111 111 11	666666666666666666666666666666666666666	PRESERVATE SALVANDA SA	\$0. 84 1. 03	Per day. 61 16 16 16 16 16 16 16 16 16 16 16 16 1

SPINNERS, FRAME.

July 1853 12 15 F .41½ " Jan. 1872 11 15 F .66½ " Jan. 1854 12 15 F .41½ " July 1872 11 15 F .66½ " July 1854 12 15 F .41½ " Jan. 1873 11 15 F .66½ " July 1855 12 15 F .41½ " July 1873 11 15 F .66½ " " July 1855 12 15 F .41½ " July 1873 11 15 F .79 " " July 1856 12 15 F .41½ " July 1874 11 15 F .79 " " Jan. 1856 12 15 F .41½ " July 1874 11 15 F .75 " " Jan. 1857 12				SIRNE	no, france,		
Jan. 1866 12 15 F .50 " " Jan. 1882 11 15 F .66½ " " July 1866 July 1867 12 15 F .52 " " July 1883 11 15 F .66½ " " July 1867 July 1867 11 15 F .52 " " July 1863 11 15 F .66½ " " " July 1868 11 15 F .66½ " " " July 1868 11 15 F .66½ " " " July 1869 11 15 F .52 " " July 1884 11 15 F .71 " " July 1884 11 15 F .71 " " " July 1885 11 15 F .66½ " " " July 1885 11 15 F .66½ " " " July 1885 11 15 F .66½ " " " July 1885 11 15 F .66½ " " " July 1885 11 15 F .66½ " " " July 1885 11 15 F .66½ " " " July 1885 11 15 F .66½ " " " July 1886 11 15 F .66½ " " " July 1886 11 15 F .66½ " " July 1886 10 13 F .76½ " " " J	July 1853 Jan. 1854 July 1854 July 1854 July 1855 July 1855 July 1856 July 1856 July 1857 July 1857 July 1857 July 1858 July 1858 July 1859 Jan. 1860 July 1860 July 1860 July 1860 July 1860 July 1860 July 1860 July 1860 July 1860 July 1860 July 1866 July 1866 July 1866 July 1866 July 1866 July 1866 July 1866 July 1866 July 1866 July 1868 July 1869 July 1869 July 1869 July 1869 July 1870	12 12 12 12 12 12 12 12 12 12 12 12 12 1	15	41½ " " " " " " " " " " " " " " " " " " "	Jan. 1872 11 July 1872 11 Jun. 1873 11 Jun. 1873 11 Jun. 1874 11 July 1874 11 July 1875 11 July 1875 11 July 1876 11 July 1876 11 July 1877 11 Jun. 1877 11 Jun. 1877 11 Jun. 1878 11 July 1878 11 Jun. 1879 11 Jun. 1879 11 Jun. 1880 11 Jun. 1880 11 Jun. 1880 11 Jun. 1880 11 Jun. 1880 11 Jun. 1880 11 Jun. 1880 11 Jun. 1880 11 Jun. 1880 11 Jun. 1881 11 Jun. 1882 11 Jun. 1883 11 Jun. 1883 11 Jun. 1883 11 Jun. 1883 11 Jun. 1883 11 Jun. 1883 11 Jun. 1883 11 Jun. 1884 11 Jun. 1885 11 Jun. 1885 11 Jun. 1885 11 Jun. 1885 11 Jun. 1885 11 Jun. 1885 11 Jun. 1885 11 Jun. 1885 11 Jun. 1885 11 Jun. 1885 11 Jun. 1885 11 Jun. 1885 11 Jun. 1885 11 Jun. 1885 11 Jun. 1885 11 Jun. 1885 11 Jun. 1885 11 Jun. 1885 11 Jun. 1885 11	16 FF FF FF FF FF FF FF FF FF FF FF FF FF	663 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK-Continued.

SPINNERS, FRAME-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of -	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1887 Jan. 1888 July 1888 Jan. 1889 July 1889	10 10	13 13 11 10 9	7 7 7	\$0. 83½ per day. . 83½ '' '' . 83½ '' '' . 89½ '' '' . 89½ '' ''	Jan. 1890 July 1890 Jan. 1891 July 1891	10 10 10 10	, 8 8 8 8	F F F	\$0. 89\frac{1}{3} per day. 1. 00 " " 1. 00 " " 1. 00 " "

SPINNERS, MULE.

Jan. 1853	.12	6	м	.664 per day.	Jan. 1874	11	6	M	1.50	per e	dav
July 1853	12	6	M	. 661	July 1874	11	6	$\overline{\mathbf{M}}$	1.50	11	11
Jan. 1854	12	6	M	. 66 4 " "	Jan. 1875	11	4	M	1.68%	1.6	6.6
July 1854	12	6	M	. 663 " "	July 1875	11	4	M	1. 68%	4.4	44
Jan. 1855	12	. 6	M	.75 " "	Jan. 1876	11	4	\mathbf{M}	1.48		6.6
July 1855	12	6	M	.75 " "	July 1876	11	4	\mathbf{M}	1.48	14	1.6
Jan. 1856	12	6	M	.75 " "	Jan. 1877	11	4	M	1.331	6.6	44
July 1856	12	6	M	. 75 " "	July 1877	11	4	M	1.33 3	6.6	4.6
Jan. 1857	12	6	M	.75 " "	Jan. 1878	11	4	\mathbf{M}	$1.33\frac{1}{2}$	6.6	44
July 1857	.12	6	M	. 75 " "	July 1878	11	4	M	1.33	6.6	4.6
Jan. 1858	12	6	\mathbf{M}	.621 "	Jan. 1879	11	4	\mathbf{M}	$1.33\frac{1}{3}$		14
July 1858	12	6	M	. 621 " "	July 1879	11	4	\mathbf{M}	1.33	6.6	14
Jan. 1859	12	6	м	. 661 " "	Jan. 1880	11	4	M	1.371	4.4	44
July 1859	12	6	М	. 661 11 11	July 1880	11	4	M	1.50	6.6	66
Jan. 1860	12	6	M	. 724 " "	Jan. 1881	11	4	М	1.50	4.6	16
~July 1860	· 12	6	М	. 721 44	July 1881	11	4	M	1.50	44	44
Jan. 1861	12	6	M	.75" " "	Jan. 1882	11	4	M	1.75	16	
July 1861	12	6	М	.75 11 11	July 1882	11	4	M	1.75	11	
Jan. 1862	12	6	М	. 10	Jan. 1883	11	4	M	1.75	4.6	6.6
July 1862	12	3	M	. 10	July 1883	11	4	M	1.75	66	44
July 1865	12	6	M	1.40	Jan. 1884	11	4	M	1. 65 1. 65	44	64
Jan. 1866	12	6	M M	1.0(8	July 1884 Jan. 1885	11 - 11	4	M	1.65	4.6	66
July 1866	12	6	M	1.015		11	. 4	M	1.65	44	
Jan. 1867	12	6	M	1.50	July 1885 Jan. 1886	11	4	141	1.65	14	11
July 1867	- 11	6	M	1.50 "	July 1886	10	4	M	1.65	6.6	3.3
Jan. 1868	11	6	M	1.50	Jan. 1887	10	4	M	1.50	4.6	16
July 1868 Jan. 1869	11	6	M	1.75 " "	July 1887	10	4	M	1.50	4.6	11
July 1869	11	6	M	1.75 " "	Jan. 1888	10	4	M	1.50	44	5.5
Jan. 1870	11	6	M	1.75 " "	July 1888	10	. 4	M	1. 65	6.6	14
July 1870	ii	6	M	1.75 " "	Jan. 1889	10	4	M	1.50	2.2	6.6
Jan. 1871	îî	6	M	1, 75 " "	July 1889	10	4	M	1, 80	(1	4.6
July 1871	îî	6	M	1.75 " "	Jan. 1890	10	4	M	1.80	4.4	6.6
Jan. 1872	11	6	M	1.75 " "	July 1890	10		M	1.79		1.4
July 1872	11	6	M	1.75 " "	Jan. 1891	10	4	M	1.90%	44	6.6
Jan. 1873	īī	6	M	1.75 " "	July 1891	10	4	M	1.84	4.6	44
July 1873	. 11	6	\mathbf{M}	1.75 " "			1	Į.			
		t		1				J	L		
				·							

SPOOLERS.

Jan. 1858 12 July 1853 12 Jan. 1854 12 July 1854 12 July 1855 12 July 1855 12 July 1856 12 July 1856 12 July 1856 12 July 1857 12 Jan. 1857 12	8 F 10 F 10 F 10 F 10 F 10 F 10 F 10 F	35½ per day. 41½ " " 41½ " " 41½ " " 42½ " " 42½ " " 42½ " "	July 1866 Jan. 1867 July 1867 Jan. 1868 July 1868 Jan. 1869 July 1869 Jan. 1870 July 1870	12 12 11 11 11 11 11 11	13 14 14 14 14 14 13 18	F .50 F .52 F .60 F .60 F .60 F .60 F .60 F .60 F .60	66 66 66 66 66 66 66 66 7
Jan. 1856 12 July 1856 12 Jan. 1857 12 Jan. 1857 12 Jan. 1858 12 Jan. 1858 12 July 1858 12 July 1859 12 July 1860 12 Jan. 1860 12 Jan. 1861 12 July 1861 12 July 1862 12 July 1865 12 July 1865 12 July 1865 12	10 F 10 F	.421 " "	July 1869 Jan. 1870	11 1	13 12 12 12 12 12 12 12 12 12 12 12 12 12	F .60	44 46 46 46 46 46 46 46 46 46 46 46 46 4

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued.

SPOOLERS-Concluded.

Payroll of	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Rate	of w	rages.
July 1877 Jan. 1878 July 1878 Jan. 1879 Jan. 1880 July 1879 Jan. 1880 Jan. 1881 July 1882 July 1882 July 1883 July 1883 July 1883 July 1884	11 11 11 11 11 11 11 11 11 11	38686666666666666	FIFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	\$0.60\(\frac{1}{2}\) per day. .60\(\frac{1}{2}\) " " " .60\(\frac{1}{2}\) " " " .60\(\frac{1}{2}\) " " .60\(\frac{1}{2}\) " " .60\(\frac{1}{2}\) " " .70\" " " .70\" " " .70\" " " .75\" " "	Jan. 1885 July 1885 Jan. 1886 July 1886 Jan. 1887 July 1888 July 1888 Jan. 1889 Jan. 1890 July 1889 July 1889 July 1890 July 1890 July 1890	11 11 10 10 10 10 10 10 10 10 10 10	∞∞∞∞∞∞∞∞∞∞∞∞	 \$0.71 .71 .66½ .66½ .75 .91½ .89½ .79 .79 .79 79 	66 66 66 66 66 66 66 66	day.

WARPERS.

Jan. 1853 July 1853 Jan. 1854 July 1854 July 1854 July 1855 July 1855 July 1855 July 1856 July 1856 July 1857 July 1858 July 1858 July 1859 July 1859 July 1859 July 1859 July 1859 July 1859 July 1859 July 1860 July 1860 July 1860 July 1862 July 1862 July 1865 July 1865 July 1865 July 1865 July 1865 July 1865 July 1865 July 1865 July 1867 July 1867 July 1867 July 1867 July 1867 July 1868 July 1868 July 1868 July 1868 July 1868 July 1868 July 1868 July 1868 July 1868 July 1868 July 1868	12 12 12 12 12 12 12 12 12 12 12 12 12 1	2 2 2 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	<u> </u>	.50 per day50 "" .50 "" .50 "" .50 "" .52 "" .67½ "" .68½ "" .70 "" .73½ "" .73½ "" .73½ "" .73½ "" .73½ "" .73½ "" .73½ "" .73½ "" .73½ "" .73½ "" .70 "" .73½ "" .71½ "" .71½ "" .72½ "" .72½ "" .72½ "" .73½ ""	Jan. 1874 July 1876 July 1876 July 1876 July 1876 July 1876 July 1877 Jan. 1878 July 1878 July 1878 July 1879 Jan. 1880 Jan. 1881 July 1881 July 1881 July 1882 July 1883 July 1883 July 1883 July 1884 July 1885 July 1885 July 1885 July 1885 July 1886	11 11 11 11 11 11 11 11 11 11 11 11 11	***************************************		1. 014 per day, 1. 04 " 1. 05 " " 1. 125 " "
Jan. 1866 July 1866 Jan. 1867 July 1867	12 12 12 12	3 3 8 3	F F F	1.00½ " " 1.01 " " 1.00 " " 1.08 " "	July 1884 Jan. 1885 July 1885 Jan. 1886	11 11 11 11	2 2 2 2 2	F F F	.83½ " " .81½ " " .81¼ " " .82¼ " "
Jan. 1869 July 1869 Jan. 1870 July 1870	11 11 11 11	3 3 3	F F F	1.05 " " 1.03½ " " 1.05 " " 1.08½ " "	Jan. 1887 July 1887 Jan. 1888 July 1888 Jan. 1889	10 10 10		F F F	.91½ " " .91½ " " .91½ " " .91½ " "
Jan. 1871 July 1871 Jan. 1872 July 1872 Jan. 1873 July 1873	11 11 11 11 11	3 3 3 3 3 3	F F F F F F	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	July 1889 Jan. 1890 July 1890 Jan. 1891 July 1891	10 10 10 10 10	2 2 2 2 2	E F F E	.91½ " " .91¼ " " .91¼ " " .91¼ " "

WASTE CARRIERS (boys).

Jan. 1853 12 2 M .38½ per day. July 1853 12 2 M .37½ " " Jan. 1854 12 2 M .37½ " " July 1854 12 2 M .37½ " " Jan. 1855 12 2 M .41½ " " July 1855 12 2 M .41½ " " Jan. 1856 12 2 M .41½ " " July 1856 12 2 M .41½ " " July 1857 12 2 M .41½ " " Jan. 1858 12 2 M .41½ " " July 1858 12 2 M .37½ " " July 1858 12 2 M .37½ " " Jan. 1859 12 2 M .37½ " "	July 1859 12 Jan. 1860 12 July 1860 12 July 1861 12 July 1861 12 July 1861 12 July 1865 12 July 1865 12 July 1865 12 July 1866 12 July 1866 12 July 1866 12 July 1866 12 July 1867 11 Jan. 1868 11	2 M 2 M 2 M 2 M 2 M 2 M 2 M 2 M 2 M 2 M	331 per day. 332 " " 353 " " 355 " " 355 " " 355 " " 46 " " 46 " " 46 " " 46 " "

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued.

			ľ	VASTE CARRIERS	S (boys)—Co	nclude	ed.		•
Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1868 Jan. 1800 July 1869 Jan. 1870 July 1870 Jan. 1871 Jan. 1871 July 1871 Jan. 1872 July 1873 July 1873 July 1873 July 1874 July 1874 July 1875 July 1876 July 1876 July 1876 July 1876 July 1876 July 1877 Jan. 1878 July 1877 Jan. 1878 July 1877 Jan. 1878 July 1877 Jan. 1878 July 1877 Jan. 1878 July 1877 Jan. 1878 July 1878 July 1878 July 1878 July 1878 July 1879 July 1879 July 1879 July 1879 July 1879 July 1879 July 1879 July 1879 July 1879 July 1879 July 1879 July 1879 July 1879 July 1879	11 11 11 11 11 11 11 11 11 11 11 11 11	22 22 22 22 22 22 22 22 22 22 22 22 22	M M M M M M M M M M M M M M M M M M M	\$0.50 per day. .50 " " .50 " " .50 " " .58\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	July 1880 Jan. 1881 July 1881 Jun 1882 July 1883 July 1883 July 1883 July 1884 July 1885 July 1885 July 1885 July 1886 July 1886 July 1886 July 1886 July 1888 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1899 July 1890 July 1890 July 1890 July 1890 July 1890 July 1890 July 1890	11 11 11 11 11 11 11 11 11 11 11 10 10 1	222222222222222222222222222222222222222	M M M M M M M M M M M M M M M M M M M	\$0.46 per day. 46 "" " 40 "" " 40 "" " 50 "" " 50 "" " 50 "" " 50 "" " 50 "" " 50 "" " 50 "" " 50 "" " 66½ "" 66½ "" 66½ "" 66½ "" 66½ "" 66½ "" 66½ "" 66½ "
			<u>'</u>	WASTE PIO	CKERS (boy	8).		·	<u> </u>
Jan. 1853 July 1853 Jan. 1854 July 1853 Jan. 1854 July 1855 July 1855 July 1856 July 1856 July 1857 July 1858 July 1858 July 1858 July 1868 July 1860 July 1860 July 1860 July 1860 July 1860 July 1860 July 1860 July 1866 July 1866 July 1868 July 1868 July 1868 July 1868 July 1868 July 1868 July 1868 July 1868 July 1868 July 1868 July 1868 July 1868 July 1869 July 1871 July 1871 July 1871 July 1871 July 1871 July 1873 July 1873 July 1873 July 1873 July 1873	12 12 12 12 12 12 12 12	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M M M M M M M M	25 per day. 25 ii ii 33½ ii ii 33½ ii ii 33½ ii ii 33½ ii ii 33½ ii ii 29 ii ii 29 ii ii 29 ii ii 25 ii ii 29 ii ii 30 ii ii 60 ii ii ii ii 60 ii ii ii ii 60 ii ii ii ii ii 60 ii ii ii ii ii ii ii ii ii ii ii ii ii	Jan. 1874 July 1874 July 1875 July 1875 July 1875 July 1875 July 1875 July 1877 July 1877 July 1879 July 1879 July 1879 July 1879 July 1880 July 1882 July 1882 July 1882 July 1884 July 1884 July 1884 July 1884 July 1885 July 1885 July 1885 July 1885 July 1885 July 1885 July 1887 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1890 July 1890 July 1890 July 1890 July 1890 July 1890 July 1890 July 1890 July 1890 July 1890	11 11 11 11 11 11 11 1	111111111111111111111111111111111111111	M M M M M M M M M M M M M M M M M M M	62½ per day. 62½ " " 64½ " " 64½ " " 64½ " " 64½ " " 64½ " " 648 " " 648 " " 648 " " 650 " " 66½ " " 6
-	1	1	1	WAT	CHMEN.		· · · · · · · · · · · · · · · · · · ·		-
Jan. 1853 July 1853 Jan. 1854 July 1854	12 12 12 12 12	1 1 1 1	M M M M	.57 per day. .57 " ". .64½ " "	Jan. 1855 July 1855 Jan. 1856 July 1856	12 12 12 12	1 1 1 1	M M M M	.64½ per day. .71½ " " .71½ " "

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK-Continued.

WATCHMEN-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payrell of—	Hours per day.	Different employés.		Rate	of v	vages.
Jan. 1857 July 1858 July 1858 July 1858 July 1858 July 1858 July 1859 July 1860 July 1860 July 1860 July 1861 Jan. 1862 July 1862 July 1865 Jan. 1866 Jan. 1867 July 1865 Jan. 1867 July 1868 July 1868 July 1868 July 1868 July 1869 July 1869 July 1871 July 1871 July 1871 July 1871 July 1871 July 1873 July 1873 July 1873 July 1873 July 1874 July 1874 July 1874 July 1874 July 1875	12 12 12 12 12 12 12 12 12 12 12 12 12 1	111111111111111111111111111111111111111	MM MM MM MM MM MM MM MM MM MM MM MM MM	\$0.71\(\frac{1}{2}\) per day. .71\(\frac{1}{2}\) " " " .64\(\frac{1}{2}\) " " .64\(\frac{1}{2}\) " " .64\(\frac{1}{2}\) " " " .64\(\frac{1}{2}\) " " " .64\(\frac{1}{2}\) " " " .64\(\frac{1}{2}\) " " " .64\(\frac{1}{2}\) " " " .64\(\frac{1}{2}\) " " " .64\(\frac{1}{2}\) " " " 1.25\(\frac{1}{2}\) " " " " 1.25\(\frac{1}{2}\) " " " " " " " " " " " " " " " " " " "	Jan. 1876 July 1877 July 1877 July 1877 July 1878 July 1878 July 1879 July 1880 Jan. 1881 July 1881 July 1882 Jan. 1882 Jan. 1883 July 1883 July 1883 July 1884 July 1885 July 1886 July 1886 July 1886 July 1886 July 1886 July 1886 July 1886 July 1886 July 1887 July 1887 July 1888 Jan. 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1891	12 12 12 12 12 12 12 12 12 12 12 12 12 1	111111111111111111111111111111111111111	M MM MM MM MM MM MM MM MM MM MM MM MM M	\$1.12\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	POT #4 #4 #4 #4 #4 #4 #4 #4 #4 #4 #4 #4 #4	day, 41 41 41 41 41 41 41 41 41 41 41 41 41

WEAVERS, 8 AND 4 LOOM.

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued.

WEAVERS, 5 LOOM.

`													
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Houre per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1853 July 1854 July 1854 July 1855 July 1855 July 1855 July 1856 July 1856 July 1856 July 1856 July 1858 July 1858 July 1858 July 1858 July 1869 July 1860 July 1862 July 1862 July 1862 July 1862 July 1862 July 1863 July 1863 July 1868 July 1868 July 1868 July 1868 July 1868 July 1868 July 1868 July 1868 July 1868 July 1868 July 1868 July 1868 July 1868 July 1868 July 1868 July 1873 July 1871 July 1871 July 1871 July 1873 July 1873	11 11 11 11 11 11	9 15 18 26 20 24 22 23 32 22 27 25 18 10 11 13 12 6 4 11 17 16 19 20 13 14 17 23 15 16 16 16 16 17 10 12	PRESERVATE SERV	\$0,50 50 50 60 60 60 70 72 75 65 60 60 60 60 60 60 60 60 60 60 60 80 90 90 90 90 90 90 90 90 90 90 90 90 90	pen (4) (4) (4) (4) (4) (4) (4) (4) (4) (4)	** day . *** *** *** *** *** *** ***	Jan. 1874 July 1875 July 1875 July 1875 Jun. 1876 July 1876 July 1877 July 1877 July 1877 July 1878 July 1878 July 1878 July 1879 July 1879 July 1879 July 1880 July 1880 July 1880 July 1880 July 1883 July 1883 July 1883 July 1884 July 1885 July 1885 July 1885 July 1885 July 1886 July 1888 July 1888 July 1888 July 1889	111 111 111 111 111 111 111 111 111 11	200 111 19 177 22 28 27 26 26 22 23 324 29 16 22 27 77 18 19 19 19 15 16 21 20 15 16 21 17 13 13 12 11	THEFT THE THEFT TH	\$0.766 .877 .822 .844 .811 .822 .910 .803 .966 .833 .966 .877 .866 .877 .826 .877 .827 .833 .822 .911 .923 .823 .824 .833 .824 .833 .824 .834 .834 .834 .834 .834 .834 .834 .83	per 46 41 41 41 41 41 41 41 41 41 41 41 41 41	day.
				WE	A VI	ERS. 6.	7. AND 8 I	OOM.					

Jan. 1853 July 1853 Jan. 1854 July 1854 Jan. 1855	12 12 12 12 12	8 10 20 20 6	F F F	.70 .70 .84 .86	per	day.	July 1858 Average	12 12 12	18	F M	. 80 . 95	- 11	day,
July 1855	12 12	9 6	F	. 80 . 84	66	**	Jan. 1859	12 12	13 11	F M	.78 .90	44	46
Average	12	15		. 81%	44	44	Average	12	. 24		. 831	44	**
Jan. 1856	12 12	5 6	F M	. 85 . 86	44	11.	July 1859	$\begin{array}{c} 12 \\ 12 \end{array}$	20 12	F M	. 84 . 90	44	46
Average	12	11		. 851	44	46	Average	12	32		. 861	64	66
July 1856	12 12	7 6	F M	. 90 . 95	44	44	Jan. 1860	$\begin{array}{c} 12 \\ 12 \end{array}$	23 12	F M	. 82 1. 00	66	46
Average	12	13		. 921	44	44	Average	12	35		. 88	64	44
Jan. 1857	$\begin{array}{c} 12 \\ 12 \end{array}$	6 6	F M	1.00 1.05	44	"	July 1860	12 12	22 11	F M	.87 1.09	66	66 46
Average	12	12		1.021	44	66	Average	12	33		. 941	44	**
July 1857	$\frac{12}{12}$	12 6	M F	1.00 1.00	44	**	Jan. 1861	12 12	21 11	F M	. 90 1. 05	44	46
Average	12	18		1.00	66	11	Average	12	32		. 95	44	44
Jan. 1858	$\frac{12}{12}$	7 14	F M	. 75 . 80	"	66 65	July 1861	$\frac{12}{12}$	28 10	F M	. 91 1. 14	#1 #1	66 .
Average	12	21		.70₺	64	44	Average	12	38		. 97	44	46

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued,

WEAVERS, 6, 7, AND 8 LOOM-Continued.

			** ***										
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wage
Jan. 18 62	12 12	9 15	M F	\$0.77 .80	per	day.	Jan. 1872	11 11	27 1	F M	\$1. 20 1. 38	per	day.
Average	12	24		. 79	44	4.6	Average	11	28		1. 201	"	66
July 1862	· 12	15 6	F M	. 55 . 65	4.6	**	July 1872	11 11	28 1	F M	1.25 1.27	66	44
Average	12	21		. 58	44	**	Average	11	29		1. 25	46	61
July 1865	12 12	3 9	M F	1.00 1.05	6 £	"	Jan. 1873	11 11	1 27	M F	1.03 1.15	64 66	41
Average	12	12		103	44	**	Average	11	28		1. 141	í i	46
Jan. 1866	12 12	4 13	M F	1.00 1.00	46	44	July 1873	11 11	30 1	F M	1. 13 1. 26	"	44
Average	12	17		1.00	44	44	Average	11	31		1. 13½	64	44
July 1866	$\frac{12}{12}$	13 6	F M	1.17 1.33	64	66 61	Jan. 1874	11 11	24 1	F M	1.10 1.17	46 64	46
Average	12	19		1, 22	64	44	Average	11.	25		1. 101	64	44
Jan. 1867	12 12	19 - 5	F M	1. 18 1. 29	44	44	July 1874	11 11	28 1	F M	1. 12 1. 26	"	66
Average	12	24		1. 201	44	44	Average	11	29		1. 12½	44	64
July 1867	11 11	5 17	M F	1.30 1.30	44	**	Jan. 1875	11 11	22 1	F M	1. 15 1. 19	"	44
Average	11	22		1.30	44	44	Average	11	23	- 4 4 -	1.15	66	41
Jan. 1868	11 11	18 3	F M	1.28 1.34	"	11	July 1875	11 11	23	F M	1.10 1.20	"	64 46
Average	11	21		1.29	6.6	44	Average	11	24		1.10	"	46
July 1868	11 11	22 3	F M	1. 26 1. 39	44	64 66	Jan. 1876	11 11	17 1	F M,	1. 04 1. 18	"	46
Average	11	25		1.272	**	**	Average	11	18		1.05	44	14
Jan. 1869	11 11	3 26	M F	$\frac{1.25}{1.25}$	66 66	44	July 1876	11 11	1 6	MF	1. 01 1. 02	44	44
Average	11	29		1.25	**	44	Average	11	7		1.02	**	44
July 1869	11 11	22 3	F M	1. 24 1. 27	44	44	Jan. 1877	11 11	1 7	M F	1.00 1.02	66	64
Average	11	25		1. 241	"	44	Average	11	8		1.013	11	44
Jan. 1870	11 11	16 2	F M	$\frac{1.17}{1.26}$	64 66	66 66	July 1877 Jan. 1878	11 11	7 4	F	1. 10 1. 04	16	£6
A verage	11	18		1. 18	44	44	July 1878 Jan. 1879	11 11	5	F	1.08 1.17	14	11
J uly 1870	11 11	23 2	F M	1. 25 1. 37	6.6 6.6	64 64	July 1879 Jan. 1880 July 1880	11 11 11	2 4 19	F	1.04 1.06 1.11	44 44	14 14
Average	11	25		1. 26	44	44	Jan. 1881 July 1881	11 11	17 22	F	1. 16 1. 15	64	44
Jan. 1871	11 11	20 1	F M	1.16 1.26	46	46	Jan. 1882 July 1882 Jan. 1883	11 11 11	30 14 7	F	1.08 1.10 1.00	66 66	"
Average	11	21		1. 161	44	44	July 1883 Jan. 1884	11	17 14	FF	1. 08 1. 22	44	66
J ulý 1871	11 11	27 1	F M	1. 22 1. 31	"	44	July 1884 Jan. 1885 July 1885	11 11 11	14 1 10	F	1. 15 1. 04 1. 02	66 66	44 44
Average	11	28		1. 22 1	44	**	Jan. 1886 July 1886	11	12 11	F	1.05 1.00	66 66	41

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued.

Payroll of—	Hours	Different employés.	Sex.	Rate of v	wages.	Payroll of—	Hours per day.	Different	Sex.	Rate	of w	ages.
Jan. 1887 July 1887 July 1888 July 1888 July 1888 Jan. 1889	10 10 10 10 10	3 12 8 14 19	FFF	\$1.00 per 1.04 " 1.00 " 1.17 " 1.12 "	day.	July 1889 Jan. 1890 July 1890 Jan. 1891 July 1891	10 10: 10: 10: 10: 10:	20 21 23 22 21	FFFFF	\$1. 10 1. 20 1. 15 1. 17 1. 15	per	day.
	l		1	W	EAVER	S, SPARE.	1		·	<u> </u>		
an. 1853 'uly 1853 'uly 1853 'an. 1854 'uly 1854 'an. 1856 'uly 1856 'an. 1856 'uly 1856 'uly 1857 'an. 1858 'uly 1858 'an. 1859 'an. 1860 'uly 1860 'an. 1861 'uly 1860 'an. 1861 'uly 1868 'an. 1866 'uly 1868 'an. 1868 'uly 1868 'uly 1868 'uly 1868 'uly 1868 'uly 1868 'uly 1868 'uly 1868 'uly 1868 'uly 1867 'an. 1869 'uly 1870 'an. 1871 'uly 1871 'an. 1872 'uly 1872 'an. 1874 'an. 1874	12	2 2 3 4 4 6 8 8 11 10 11 11 12 12 12 12 12 13 6 6 11 10 15 6 6 7 7 7 7 6 6 6 6 6 6 6 6 6 6 6 6 6		.41½ per .41½	thay.	July 1874 Jan. 1875 July 1876 July 1876 July 1876 July 1876 July 1876 July 1877 July 1877 July 1877 July 1877 July 1878 July 1881 July 1881 July 1881 July 1881 July 1883 July 1883 July 1883 July 1883 July 1884 July 1886 July 1886 July 1886 July 1886 July 1886 July 1888 July 1888 July 1888 July 1888 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1891	111 111 111 111 111 111 111 111 111 11	55 55 66 66 66 66 66 66 66 66 77 51 10 66 77 67 67 57 67 57		.93 th 93 th	66 66 66 66 66 66 66 66 66 66 66 66 66	day.
					YARD	HANDS.						
Гап. 1853	12 12	1	M M	.75 per	day.	Jan. 1858	12 12	1 1	M M	. 62½ . 83½	per	day.
Average	12	2	M	.791	**	Average	į i	2	М	.73	44	16
uly 1853 an. 1854	12 12	2 2	M	.75 "	44	July 1858	12 12	1	M	. 62 1	11	44
uly 1854	12 12	1	M M	.75 " 1.00 "	44	Average Jan. 1859	12	1	M M	. 73		7,1
Average	12	2	М	. 871 "	44	`	12	1 2	M	1. 25		11
an. 1855 uly 1855 an. 1856 uly 1856 an. 1857	12 12 12 12 12 12	2 2 2 2 2 2	M M M M	1.00 " 1.00 " 1.00 " 1.00 " 1.00 "	64 66 64	Average July 1859 Average	12 12	1 1 2	M M M	. 95½ . 75 1. 25	" " "	44
ulv 1857	12	1	M	831 44	44	Jan. 1860	12	1	м	. 75	"	6.6

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK—Continued.

YARD HANDS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	age	8.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	vages.
July 1860	12 12	1	M M	\$0.75 1.00	per d	lay.		Jan. 1878	11 11	4	M M	\$1.08½ 1.25	per	day.
Average	12	2	M	. 871	14	64		Average	11	5	M	1.12	44	44
Jan. 1861	12 12	1 1	M M	.75 1.00	66	66 66		July 1878	11 11	4 1	M M	1.08½ 1.25	44	"
Average	12	2	M	.871	64	6.6		Average	11	5	- М	1.12	"	46
July 1861	12 12	1 1	M M	.75 1.00	66	44		Jan. 1879	11 11	4 1	M M	1. 08½ 1. 25	44	"
Average	12	2	M	. 87½	44	44		Average	11	5	М	1. 12	"	66
Jan. 1862	12 12	1	M M	. 75 1. 00	66	46		July 1879	11 11	3 1	M M	1. 08½ 1. 25	"	"
Average	12	2	M	. 871	44	44		Average	11	4	м	1.121	44	44
July 1862	12 12	1 1	M M	. 87½ 1. 00	44	66 66		Jan. 1880	11 11	3 1	M M	$1.08\frac{1}{2}$ 1.25	"	"
Average	12	2	М	. 931	44	4.6		Average	11	4	М	1.121	44	44
July 1865	12 12	3 1	M	1.50 1.75	66	44		July 1880	11 11	3 1	M M	1. 19 1. 25	"	"
Average	12	4	M	1.561	**	41		Average	11	4	M*	1. 201	41	"
Jan. 1866	12 12	3 1	M M	1.50 1.75	46	44		Jan. 1881	11 11	3 1	M M	1. 12½ 1. 19	"	"
Average	12	4	М	1.561	16	44		Average	11	4	M	1, 14	**	"
July 1866	12 12	3 1	M M	1.50 1.75	46	64 66		July 1881	11 11	3 1	M M	1. 12½ 1. 33½	"	44
Average	12	4	М	1.50%	**	44		Average	11	4	M	1.171	**	"
Jan. 1867	12 12	4 1	M M	1.50 1.75	44	44		Jan. 1882	11 11	3 1	M M	1. 12½ 1. 33½	"	"
Average	12	5	м	1. 55	4.6	4.6		A.verage	11	4	M	1.17₺	41	u
July 1867 Jan. 1868 July 1868	11 11 11	5 6	M M M	1.50 1.50 1.50	11	6 6 6 4 6 6		July 1882	11 11	3 1	M M	1. 123 1. 333	"	46
Jan. 1869	11	6	M	1, 50	11	"		Average	-11	4	M	1.17₺	14	44
July 1869 Jan. 1870 July 1870 Jan. 1871	11 11 11 11	6 6 6	M M M	1.50 1.50 1.50 1.50	4 t	44		Jan. 1883	11 11	3	M M	1. 12½ 1. 33½	11	44
July 1871 Jan. 1872	11	6	M	1.50	11	66		Average	- 11	4	M	1, 171	11	**
July 1872 Jan. 1873 July 1873	11 11 11	6 6 6	M M M	1.50 1.50 1.50 1.25	11	44		July 1883	11 11	3	M M	1. 12½ 1. 33½	44	46
Jan. 1874	11	3	M	1, 25	4.4	46		Average	11	4	M	1.171	11	"
July 1874	11 11	2	M M	1. 25 1. 371	44	61 61		Jan. 1884	11 11	3 1	M M	1. 12½ 1. 33½	44	41
Average	11	3	М	1. 29	44	44		Average	11	4	М	1. 171	4.6	"
Jan. 1875 July 1875 Jan. 1876	11 11 11	3 3 4	M M M	1. 371 1. 371 1. 371 1. 371	44 44	66 64		July 1884	11 11	3 1	M	1. 12½ 1. 33½	11	14 44
July 1876	11	4	M	1. 25	11	44		Average	11	4	M	1.17	"	"
Jan. 1877	11	3	M M	1. 08½ 1. 25	"	66		Jan. 1885	11 11	3	M	1.01 1.20	46	44
Average July 1877	11	4	M	1.12	44	44		Average	11	4	M	1.05	44	16
Oury 1011	11	i	M	$1.08\frac{1}{2}$ 1.25	44	44		July 1885	11 11	3 1	M	1.01 1.20	"	41
Average	11	5	M	1.12	44	44	•	A verage	11	4	M	1.05	**	44

COTTON GOODS: ESTABLISHMENT No. 41, NEW YORK-Concluded.

YARD HANDS-Concluded.

Payroll of—	Hours per day.	Different employés.		Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.
Jan. 1886	11 11	3 1	M M	\$1.01 per day. 1.20 """	Jan. 1889	10 10	3 1	M M.	\$1.01 1.50	per	lay.
Average	11 .	4	M	1.051 " "	Average	10	4	M	$1.13\frac{1}{2}$		6.6
July 1886	10 10	3 1	M M	1.01 " " 1.411 " "	July 1889	10 10	3 1	M M	1.01 1.50	11	44
Average	10	4	М	1.11 ""	Average	10	4	м.	1. 131	4.6	44
€ an. 1887	10 10	3 1	M M	1.01 " " 1.411 " "	Jan. 1890	10 10	3 1.	M M	1. 01 1. 50	44	11
Average	10	4	M	1.11 " "	Average	10	4	М	1. 131	* *	4.6
July 1887	10 10	3 1	M M	1.01 " " " 1.411 " "	July 1890	10 10	3 1	M M	1. 25 1. 50	"	46
Average	10	4	M	1.11 " "	Average	10	4	М	1. 31½	"	"
J an. 1888	10 10	3 1	M M	1.01 " " 1.41½ " "	Jan. 1891	10 10	3 1	M M	1. 21 1. 50	* *	66
Average	10	4	M	1.11 " "	Average	10	4	M	1. 281	**	14
July 1888	10 10	3	M M	1.01 " " 1.41½ " "	July 1891	10 10	3 1	M M	1. 21 1. 50	**	44
Average	10	4	М	1.11 """	Average	10	4	M	1. 281	66	11

DRY GOODS: ESTABLISHMENT No. 42, NEW HAMPSHIRE.

PORTERS.

					PUR	TERS.	 				
Jan. 1850 July 1850 July 1850 July 1851 Jan. 1852 July 1852 July 1852 July 1852 July 1853 July 1853 July 1853 July 1855 July 1855 July 1856 Jan. 1857 Jan. 1858 Jan. 1859 July 1858 Jan. 1859 July 1858 Jan. 1859 July 1858 Jan. 1859 July 1862 July 1862 July 1862 July 1862 July 1862 July 1862 July 1862 July 1862 July 1863 July 1863 July 1864 Jan. 1864 July 1865 Jan. 18664 July 1865 July 1865 July 1866 July 1866 July 1866 July 1866 July 1866 July 1866 July 1866 July 1866 July 1866 July 1868	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M M M M M M M M	1. 00 1. 25 1. 25	Per c (1)		Jan. 1871 July 1871 Jan. 1872 July 1872 July 1872 Jan. 1873 July 1873 Jan. 1874 July 1873 July 1874 Jan. 1876 July 1876 July 1876 July 1876 July 1877 July 1877 July 1877 July 1877 July 1877 July 1877 July 1879 Jan. 1880 July 1881 Jan. 1882 July 1881 Jan. 1882 July 1883 Jan. 1884 July 1885 July 1885 July 1885 July 1885 July 1885 July 1886 July 1886 July 1887 July 1887 July 1887 July 1887 July 1888 July 1889 July 1888	111111111111111111111111111111111111111	M M M M M M M M M M M M M M M M M M M	1. 25 1. 25	per	66" 11 12 14 15 16 16 16 16 16 16 16 16 16
	1 1 1 1					Jan. 1890 July 1890 Jan. 1891 July 1891					

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

DRY GOODS: ESTABLISHMENT No. 42, NEW HAMPSHIRE—Continued.

		-		1			0				-	_	
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
Jan. 1850	11 11	2 1	M M	\$1,00 1.50	per	day.	July 1857	11 11	2	M M	\$1.00 1.50	per	day.
Average	11	3	М	1.161	6.6	44	Average	11	3	М	1. 161	11	44
July 1850	11 11	2 1	M	1.00 1.50	44	44	Jan. 1858	11 11	2 1	M M	1.00 1.50	11	"
Average	11	3	м	1.16	6.6	46	Аустаде	11	3	М.	1. 161	44	14
Jan. 1851	11 11	2	M M	1, 00 1. 50	44	44 64	July 1858	11 11	2 1	M M	1.00 1.50	44	"
Average	11	3	M	1.161	44	"	Average	11	3	M	1. 161	п	11
July 1851	11 11	2 1	M M	1.00 1.50	44	44	Jan. 1859	11 11	3 1	M M	1.00 1.50	64	44
Average	11	3	M	1, 161	44	66	Average	11	4	M	1. 121	46	"
Ja ń. 1852	11 11	2 1	M M	1.00 1.50	44	11	July 1859	11 11	3 1	M	1,00 1,50	11	"
Average	11	3	M	1. 161	44	66	Average	11	4	M	1. 121	44	44
July 1852	11 11	2 1	M M	1.00 1.50	44	44	Jan. 1860	11 11	3	M M	1.00 1.50	"	46 46
Average	11	3	M	1.161	44	44	Average	11	4	М	$1.12\frac{1}{2}$	11	44
Jan. 1853	11 11	2 1	M M	1.00 1.50	66	66 46	July 1861	11 11	3 1	M M	1.00 1.50	41	16
Average	11	8	M	1.161	44	44	Average	11	4	M	1. 12½	44	44
J uly 1853	- 11 11	2 1	M M	1.00 1.50	66	66	Jan. 1862	11 11	3 1	M M	1.00 1.50	16	46
Average	11	3	М	1. 161	44	66	Average	11	4	М	1. 121	66	44
Jan. 1854	11 11	2 1	M M	1.00 1.50	64	66	July 1862	11 11	3	M M	1.00 1.50	64	66 61
Average	11	8	м	1. 161	. 44	44	Average	11	4	M	1.121	"	44
July 1854	11 11	2	M	1.00 1.50	44	44	Jan. 1863	11 11	3 1	M M	$1.50 \\ 2.50$	44	"
Average	11	8	M	1.161	**	66	Average	11	4	М	1.75	"	64
Jan. 1855	11 11	2	M M	1.00 1.50	46	11	July 1863	11 11	3 1	M M	1.50 2.50	**	14 14
Average	11	3	M	1.161	64	64	Average	11	4	М	1.75	44	**
July 1855	11 11	2	M	1.00 1.50	44	44	Jan. 1864	11 11	3 1	M M	1,50 2,50	44	**
Average	11	3	М	1.161	44	46	Average	11	4	М	1.75	**	45
Jan. 1856	11 11	2 1	M M	1.00 1.50	66	**	July 1864	11	. 1	M M	1.50 2.50	**	44
Average	11	3	М	1.161	44	44	Average	11	4	М	1.75	44	44
July 1856	11 11	2_1	M M	1.00 1.50	46	44	Jan. 1865	11 11	2 2	M M	$\frac{1.50}{2.50}$	11	66 68
Average	11	3	М	1.16	16	66	Average	11	4	М	2.00	"	и
Jan. 1857	11 11	2 1	M M	1.00 1.50	44	44	July 1865	11 11	2 2	M M	1.50 2.50	44	44
Average	11	8	М	1. 16	**	41	Average	11	4	М	2, 00	**	#4

DRY GOODS: ESTABLISHMENT No. 42, NEW HAMPSHIRE-Continued.

SALESMEN -Continued.

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Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	vage	9.	Payroll of—	Hours per day	Different employés.	Sex.	Rate	of w	ages.
Jan. 1866	11 11	2 2	M M	\$1.50 2.50	per	day.		Jan. 1874	11 11	3 2	M M	\$1.50 2.50	per	day.
Average	11	4	М	2.00	6.6	44		Average	11	5	M	1.90	44	**
J nly 1866	11 11	2 2	M M	1.50 2.50	11	66		July 1874	11 11	3 2	M M	1.50 2.50	66	4.6 4.6
Average	11	4	М	2, 00	64	4.6		Average	11	5	M	1.90	44	66
Jan. 1867	11 11	2 2	M M	1.50 2.50	"	44		Jan. 1875	11 11	3 2	M M	1.50 2.50	44	44
Average	11	4	M	2.00	- 66	4.6		Average	11	5	M	1. 90	44	**
July 1867	11 11	2 2	M M	1.50 2.50	44	66		July 1875	11 11	3 2	M M	1.50 2.50	46 -	44
Average	11	4	M	2.00	4.6	64		Average	11	5	M	1.90	"	66
Jan. 1868	11 11	2 2	M M	1.50 2.50	14	46		Jan. 1876	11 11	3 2	M M	1.50 2.50	44	44
Average	11	4	M	2.00	4.5	66		Average	11	5	M	1. 90	46	**
July 1868	11 11	2 2.	M M	1.50 2.50	, 11	6 6 6 6		July 1876	11 11	3 2	M M	1.50 2.50	44	44
Average	11	4	M	2.00	44	66		Average	11	5	M	1.90	44	**
Jan. 1869	11 11	2 2	M M	1.50 2.50	44	44		Јав. 1877	11 11	3 2	M M	1.50 2.50	**	44
Average	11	4	М	2.00	44	44		Average	11	5	M	1.90	4.6	44
J uly 1869	11 11	2 2	M M	1.50 2.50	64	44		July 1877	11 11	3 2	M M	1.50 2.50	66 66	"
Average	11	4	M	2.00	"	44		Average	11	5	М	1,90	44	41
Jan. 1870	11 11	2 2	M M	1.50 2.50	66	"		Jan. 1878	11 11	3 2	M M	1.50 2.50	66	44
Average	11-	4	M	2.00	**			Average	11	5	М	1.90	•••	64
July 1870	11 11	2 2	M M	1.50 2.50	66	44		July 1878	11 11	3 2	M M	1.50 2.50	44	44
Average	11	4	M	2.00	44	**		· Average	11	5	M	1.90	44	44
Jan. 1871	11 11	2 2	M M	1.50 2.50	44	44		Jan. 1879	11 11	3 2	M M	1.50 2.50	44	66
\mathbf{A} verage	11	4	M	2.00	"	44		Average	11	5	М	1.90	44	46
Jul y 1871	11 11	2 2	M M	1.50 2.50	45	44		July 1879	11 11	3 2	M	1.50 2.50	- 44	66
Average	11	4	M	2.00	44	44		Average	11	5	M	1.90	64	64
Jan. 1872	11 11	3 2	M M	1.50 2.50	66	6.6 6.6		Jan. 1880	,11 11	3 2	M M	1.50 2.50	66 61	**
Average	- 11	5	М	1.90	46	**		Average	11	5	M	1.90	46	44
July 1872	11 11	3 2	M M	1.50 2.50	66	11		July 1880	11 11	3 2	M M	1.50 2.50	41	44
Average	11	5	М	1.90	- 66	64		Average		5	M	1.90	44	44
Jan. 1873	11 11	3 2	M M	1.50 2.50	44	.64	*	Jan. 1881	111	3 2	M	1.50 2.50	- 66	"
Average	11	5	M	1.90	44	66		Average	11	5	M	1.90	66	46
July 1873	11 11	3 2	M	1.50 2.50	46	44		July 1881	11	2	M	2. 50		44
Average	11	5	М	1.90	,	46		Average	11	5	M	1.90	44	44

DRY GOODS: ESTABLISHMENT No. 42, NEW HAMPSHIRE—Continued. SALESMEN—Concluded.

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Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.
Jan. 1882	11 11	3 2	M M	\$1.50 2.50	per day.	July 1887	11 11	3	M M	\$1.50 2.50	per day,
Average	11	5	M	1.90	44 44	Average	11	6	M	2.00	" "
July 1883	11 11	3 2	M M	1.50 2.50	41 41	Jan. 1888	11 11	3	M M	1.50 2.50	** **
Average	11	5	M.	1.90	** **	Average	. 11	6	M	2.00	46 66
Jan. 1884	11 11	3 2	M M	1.50 2.50	64 66	July 1888	11 11	3 3	M M	1.50 2.50	64 EL
Average	11	5	м	1. 90	44 46	Average	11	6	M	2.00	44 44
Jul y 1884	11 11	_ 3 _ 2	M M	1.50 2.50	","	Jan. 1889	11 11	3 3	M M	2.00 3.00	66 46 61 61 -
Average	11	5	M	1.90	** **	Average	11	6	М	2. 50	11 44
J an. 1885	11 11	3 2	M M	1.50 2.50	11 11	July 1889	11 11	3	M M	2.00 3.00	66 . 66 66 . 86
Av erage	11	5	M	1.90	44	Average	11	6	М	2.50	44 14
J uly 1885	11 11	3	M M	1.50 2.50	66 66 66 68	Jan. 1890	11 11	3	M M	2, 50 3, 33	65 66 66 66
-Average	11	6	M	2.00	11 41	Average	11	6	M	2. 911	46 44
Jan. 1886	11 11	3	M M	1.50 2.50	64 64 66 66	July 1890	. 11 11	4	M M	2.50 3.33	46 46
A.verage	11	6	м	2.00	11 16	Average	11	7	М	2. 851	** **
J uly 1886	11 11	3	M M	1.50 2.50	16 16 11 60	Jan. 1891	11 11	4 3	M M	2.50 3.33	66 44 41 66
Average	11	6	М	2.00	" "	Average	11	7	M	2.851	46 66
Jan. 1887	11 11	3 3	M M	1. 50 2. 50	11 11	July 1891	11 11	4 4	M M	2.50 3.33	11 11
Average	11	6	м	2.00	44 14	Average	11	8	М	2.91	46 41

SALESWOMEN.

Jan. 1850	11 11	2 2	F	.66½ p	er day	7. July 1852	11 11	2 2	F	. 66½ 1. 00	per	day.
Average	11	4	F	. 831	44 66	Average	11	4	F	. 831	11	44
J uly 1850	11 11	2 2	F	1 . 007	44 44	Jan. 1853	11 11	2 2	F F	. 66 <u>1</u> 1. 00		44
Average	11	4	F	. 83 <u>1</u>		Average	11	4	F	. 831	66	**
Jan. 1851	11 11	2 2	F F		44 44	July 1853	11 11	2 2	F	. 66½ 1. 00		86 44
Average	11	4	F	. 831	64 66	Average	11	4	F	. 831	46	44
July 1851	11 11	2 2	F F		66 66 65 66	Jan. 1854	11 11	2 2	F	. 66½ 1. 00	44	46
Average	11	4	F	. 831	44 44	Average	11	4	F	. 83 1	44	41
Jan. 1852	11 11	2 2	\mathbf{F}	* 00%	44 44 44 44	July 1854	11 11	2 2	F F	. 66½ 1. 00	44	46
Average	11	4	F	. 83½	41 66	Average	11	4	R	. 83	64	44

DRY GOODS: ESTABLISHMENT No. 42, NEW HAMPSHIRE—Continued.

SALESWOMEN-Continued.

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Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of w	ages.
Jan. 1855	11 11	2 2	 平	\$0.66½ per day.	July 1863	11 11	3 2	F F	\$0.661 r	er d	lay.
A'verage	11	4	F	. 833 " "	Average	11	5	F	. 80	**	16
July 1855	11 11	2 2	F	.66½ " " 1.00 " "	Jan. 1864	11 11	3 2	F	. 66½ 1. 00		46
Average	11	4	F	. 831 " "	Average	11	5	F	. 80	66	**
Jan. 1856	11 11	2 2	F	1.00 44 44	July 1864	11 11	3 2	F	.66½ 1.00	14	6 6 6 6
Average	11	4	F	. 831 ** **	Average	11	5	F	. 80	4.6	64
July 1856	11 11	2 2	F	. 66½ " " 1.00 " "	Jan. 1865	11	$\frac{2}{2}$	F	, 66½ 1, 00	66	16
Average	11	4	F	. 83½ " "	Average	11	4	F	. 83 <u>1</u>	**	**
Jan. 1857.	11 11	2 2	F	1.00 " "	July 1865	11 11	2 2	F F	. 66½ 1. 00	66	44
Average	11	4	F	. 831/2 " "	Average	11	4	F	. 831	66	11
July 1857	11 11	2 2	F	1.00 " "	Jan. 1866	11	2 2	F	, 66½ 1. 00	11	66
Average	11	4	F	.831 " "	Average	11	4	F	. 83½	14	**
Jan. 1858	11 11	2 2	F F	1.00 " "	July 1866	11 11	2 2	F	. 66½ 1. 00	**	11
Average	11	4	F	. 831 " "	Average	11	4	F	. 831	41	14
July 1858	11 11	3 2	F	1.00 " "	Jan. 1867	11	2 2	F	1.00°	64	46
Average	e 11	5	F	. 80 " "	Average	-11	4	F	. 831	41	16
Jan. 1859	11	3 2	F	1.00 " "	July 1867	11 11	2 2	F	. 66½ 1. 00	44	14
Averag	e 11	5	F	. 80 '' ''	Average	11	4	F	. 831	66	65
July 1859	11 11			1.00 " "	Jan. 1868	11 11	2 2	F	, 66½ 1, 00	14	44
Averag	e 11	. 5	F	. 80 ** **	Average	6 11	4	F	. 831	14	1.6
Jan. 1860	111			1.00 " " "	July 1868	11	3 2	F	. 66½ 1, 00	"	44
Ayerag	e 11	. 5	F	. 80 " "	Averag	e 11	5	F	. 80	**	11 1
July 1861	l 11 11			1.00 " "	Jan. 1869	11 11	3 2	F	1. 00	4.6	16
Averag	e 11		F	. 80 15' 11	Averag	e 11	5	F	. 80	**	"
Jan. 1862	2 11 11			1.00 " "	July 1869	11	3 2		. 66½ 1. 00	44	44
Averag	е 11		F	. 80 " "	Averag	e 11	5	F	. 80	**	t t
July 1862	2 11			. 66½ " " 16 1. 00 " "	Jan. 1870	11 11	3 2	F	1.00	16	66
Averag	e 11		F	. 80 " "	Averag	e 11	5	F	.80	44	44
Jan. 1863	3 11			1.00 " "	July 1870	11	2	F	1.00	66	16
Averag	e 11	L	5 F	. 80 ** **	Averag	e 11	. 8	i F	.80	**	41

DRY GOODS: ESTABLISHMENT No. 42, NEW HAMPSHIRE—Continued.

SALESWOMEN—Continued.

Payroll of—.	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
Jan. 1871	11 11	3 2	F	\$0.66½ 1.00	per	r day.	July 1878	11 11	2 3	F	\$0.66½ 1.00	per	day.
Average	11	5	F	. 80	44	46	Average	11	5	F	. 861	44	14
July 1871	11 11	3 2	F	. 66½ 1. 00	44	"	Jan. 1879	11 11	2 3	F	. 66½ 1. 60	44	64 18
Average	11	5	F	. 80	44	6.6	Average	× 11	5	F	. 861	1.6	16
Jan. 1872	11 11	2 2	F	. 00½ 1. 00	44	"	July 1879	11 11	2 3	F	. 66½ 1. 00	46	44 66
Average	11	4	F	. 831	44	44	Average	11	5	F	. 861	44	**
July 1872	11 11	2 2	F	. 66½ 1. 00	"	(t 6 s	Jan. 1880	11 11	2 3	F F	. 66½ 1. 00	66	**
Average	11	4	F	. 831	44	**	Average	- 11	5	F	. 861	**	**
Jan. 1873	11 11	2 2	F	. 66½ 1. 00	"	**	July 1880	11 11	2 3	F	. 66½ 1. 00	11	46
Average	11	4	F	. 83½	44	66	Average	11	5	F	. 861	66	46
July 1873	11 11	2 2	F	1.00	14	44	Jan. 1881	11 11	2 3	F	. 66½ 1,00	66	44
Average	11	4	F	. 83½	44	46	Average	11	5	F	. 861	14	61
Jan. 1874	11 11	2 2	F	. 66½ 1. 00	16	11	July 1881	11 11	2 3	F F	. 66½ 1. 00	66	45 44
Average	11	4	F	. 831	41	44	Average	11	5	F	. 861	46	46
July 1874	11 11	2	F	. 66½ 1. 00	44	44	Jan. 1882	11 11	2 3	F	. 66½ 1. 00	66	"
Average	11	4	F	. 831	"	"	Average	<u>.</u> 11	5	F	. 861	44	15
Jan. 1875	11 11	2 2	F	. 661 1. 00	66	"	July 1883	11 11	3	F F	. 66½ 1. 00	**	11
Average	11	4	F	. 83½	"	"	Average	/ 11	6	F	. 831	44	14
July 1875	11 11	2 2	F	. 66½ 1. 00	"	64 16	Jan. 1884	, 11 , 11	3	F F	. 66 <u>1</u> 1. 00	44	66
A verage	11	4	F	. 83½	6.6	4.6	Average	11	6	F	. 831	44	66
Jan. 1876	11 11	2 2	F	. 66½ 1. 00	"	16	July 1884	11 11	3	F	. 66½ 1. 00	44	66
Average	11	4.	F	. 831	4.6	**	Average	11	6	F	. 831	4.6	6
July 1876	11 11	2 2	F F	. 66½ 1. 00	64	46	Jan. 1885	11 11	3	F	. 66½ 1. 00	44	66
Average	11	4	F	. 831	**	41	Average	11	6	F	. 831	11	46
Jan. 1877	11 11	2 2	F	. 66½ 1. 00	66	44	July 1885	11 11	3	F	. 66½ 1, 00	**	16
Average	11	4	Ŀ	. 83 1	44	**	Average	11	6	F	. 831	44	44
July 1877	11 11	2 3	F	. 66½ 1. 00	"	**	Jan. 1886	11 11	3 5	F F	. 66½ 1. 00	**	44
Average	11	5	F	. 861	46	44	A.verage	11	6	F	. 831	44	**
Jan. 1878	11 11	2 3	F	. 66½ 1. 00	66	"	July 1886	11 11	3 3	F F	. 66½ 1. 00	"	44
Average	11	5	F	. 861	46	44	Average	11	6	F	. 881	44	11

DRY GOODS: ESTABLISHMENT No. 42, NEW HAMPSHIRE-Concluded.

SALESWOMEN-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of '	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
Jan. 1887	11 11	3 3	F F	\$0.66 <u>1</u> 1.00	per	day.	July 1889	11 11	3 3	F	\$1.00 1.25	per	day.
Average	11	6	F	. 831	14	11	Average	11	6	F	$1.12\frac{1}{2}$	4.6	44
July 1887	11 11	3	F	. 66½ 1. 00	44	16	Jan. 1890	11 	3 3	F F	1. 25 1. 50	"	16
Average	11	6	F	. 831	44	44	Average	11	6	F	1.871	4.6	64
Jan. 1888	11 11	3	F	. 66½ 1. 00	14	44	July 1890	11 11	3	F F	1. 25 1. 50	"	66
Avera ģe	11	6	F	. 831	6.6	4.6	Average	11	6	F	1. 371	44	
July 1888	11 11	3 3	F	. 66½ 1. 00	"	"	Jań. 1891	11 11	3	F F	1. 25 1. 50	66	44
Average	11	6	F	. 831	44	44	Average	11	6	F	1.371	44	16
Jan. 1889	11 11	3	F F	1.00 1.25	11	"	July 1891	11 11	3 3	F F	1. 25 1. 50	66	46
Average	11	6	F	1, 121	66	41	Average	11	6	F	1.371	44	44

TEAMSTERS.

Jan. 1884 11 1 M 1.00 per day. July 1884 11 1 M 1.00 " " Jan. 1885 11 1 M 1.00 " " Jan. 1885 11 1 M 1.00 " " Jan. 1885 11 1 M 1.25 " " Jan. 1887 11 1 M 1.25 " " Jan. 1887 11 1 M 1.25 " "	July 1888 11 1 M 1 Jan. 1889 11 1 M 1 July 1889 11 1 M 1 Jan. 1890 11 1 M 1 July 1890 11 1 M 1 Jan. 1891 11 2 M 1	. 25 per day. . 25 " "
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GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS.

BACK BOYS.

July 1848 a 1	11 4	M	. 32	per day.	Jan. 1863	6111	16	м	. 30	per day.
Jan. 1849 a 1		M	. 33	por day.	July 1863	b 111	16	M	. 30	11 11
July 1849 a 1		M	. 33	66 66	Jan. 1864	b 111	16	M	. 30	66 46
Jan. 1850 a 1		M	. 33		July 1864	b 114	16	M	. 35	44 84
July 1850 a 1		M	.33	14 44	Jan. 1865	b 111	16	M	. 35	66 66
Jan. 1851 a 1		M	.30	44 44	July 1865	b 111	16	M	. 37	16 16
July 1851 a1		M	.30	66 66	Jan. 1866	b 115	16	M	.40	66 66
Jan. 1852 a1		M	.30	66 66	July 1866	b 111	16	M	. 45	66 66
July 1852 a 1		M	. 30	44 44	Jan. 1867	b 11%	17	M	. 45	
Jan. 1853 a 1		M	. 30	16 16	July 1867	b 111	17	M	.47	** **
July 1853 a1		M	. 30	44 44	Jan. 1868	b 111	17	M	. 47	66 66
Jan, 1854 b 1		M	. 37	11 44	July 1868	b 11%	17	M	. 47	15 16
July 1854 b 1		M	. 37	44 44	Jan. 1869	b113	17	M	. 47	** **
Jan. 1855 b1		M	. 37	11 11	July 1869	b 114	17	M	. 45	44 44
July 1855 b1		M	. 37	44 44	Jan. 1870	b 111	10	M	. 50	46
Jan. 1856 b1		M	. 37	46 66	July 1870	b 113	10	M	. 50	** **
July 1856 b1		M	. 37	66 46	Jan. 1871	b 113	12	M	. 50	46
Jan. 1857 b1		M	. 37	46 64	July 1871	b 11%	12	M	. 55	44 44
July 1857 b 1		M	. 37	46 66	Jan. 1872	b'113	12	M	. 55	66 .6
Jan. 1858 b 1		M	.37	11 11	July 1872	b.113	12	M	, 55	
July 1858 b 1		M	. 37	14 16	Jan. 1873	$ b 11\frac{\pi}{3} $	12	M	. 55	41 46
Jan. 1859 b1		M	. 37	66 66	July 1873	b 111	12	M	. 55	66 66
July 1859 61		M	. 37	er 14	Jan. 1874	b 115	12	M	, 55	11 46
Jan. 1860 b1		M	. 30	££ £€	July 1874	b:113	12	M	, 60	66 66
July 1860 b1		M	.30	66 66	Jan. 1875	c11	12	M	. 69	44
Jan. 1861 b 1		M	.30	£¢	July 1875	c 11	12	M	. 60	66 46
July 1861 1 1		M	. 30	** **	Jan. 1876	c-11	12	M	. 60	1 44 44
Jan. 1862 b 1		M	. 30	44 44	July 1876	c 11	12	M	. 60	' 66 64
July 1862 b 1.	14 16	M	. 30	44 44	Jan. 1877	c11	12	M	.60	66 46

a On Saturday, 9 hours only.
b On Saturday, 8½ hours only.
c On Saturday, 5 hours only.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS-Continued.

BACK BOYS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.	Payroll of—	Hours per day.	Dinerent	Sex.	Rate	of v	ages.
July 1877 Jan. 1878 July 1878 July 1878 July 1879 Jan. 1880 July 1880 July 1881 July 1881 July 1882 July 1883 July 1883 July 1883 July 1884	a 11 a 11 a 11 a 11 a 11 a 11 a 11 a 11	12 12 12 12 12 12 12 12 12 12 12 12 12 1	M M M M M M M M M M M M M	\$0.56 .56 .56 .56 .56 .56 .56 .56 .56 .56	per ***	day.	Jan. 188 July 188 Jan. 188 July 188 July 188 July 188 July 188 Jan. 188 July 188 July 189 July 189 July 189 July 189	5 a11 a1	12 12 12 12 12 12 12 12 12 12 12 12 12 1	M M M M M M M M M M M M	\$0. 53 . 53 . 56 . 58 . 58 . 58 . 58 . 58 . 58 . 58 . 60 . 60	per ***	day.

BOILER TENDERS.

					1)				
July 1848 Jun. 1849 July 1849 July 1849 July 1850 Jan. 1850 Jan. 1851 July 1852 July 1852 July 1852 July 1853 July 1853 July 1855 July 1855 July 1855 July 1855 July 1856 July 1856 July 1856 July 1856 July 1857 July 1859 July 1859 July 1859 July 1859 July 1859 July 1859 July 1859 July 1859 July 1859 July 1859 July 1859 July 1859 July 1863 July 1863 July 1863 July 1863 July 1863 July 1863 July 1863 July 1863 July 1863 July 1863 July 1863 July 1863 July 1863 July 1863 July 1863 July 1863 July 1863 July 1864 July 1865 July 1865 July 1865 July 1865 July 1865 July 1865 July 1865 July 1865 July 1865 July 1865 July 1865 July 1865 July 1865 July 1866 July 1866 July 1866 July 1866 July 1866 July 1866 July 1866 July 1868	12 12 12 12 12 12 12 12 12 12 12 12 12 1	02222222222222222222222222222222223344433445544	M M M M M M M M M M M M M M M M M M M	1.00 per day. 1.00 " " " 1.00 " " " 1.00 " " " 1.00 " " " 1.00 " " " 1.00 " " " 1.00 " " " 1.00 " " " 1.00 " " " 1.00 " " " 1.00 " " " 1.00 " " " 1.10 " " " 1.10 " " " 1.10 " " " 1.10 " " " " 1.10 " " " " 1.10 " " " " 1.10 " " " " 1.10 " " " " 1.10 " " " " 1.10 " " " " 1.10 " " " " 1.10 " " " " 1.10 " " " " 1.10 " " " " 1.10 " " " " 1.10 " " " " 1.10 " " " " " 1.10 " " " " " 1.10 " " " " " 1.10 " " " " " " 1.10 " " " " " " 1.10 " " " " " " 1.10 " " " " " " " " " 1.10 " " " " " " " " " " " " " " " " " " "	July 1870 Jan. 1871 July 1871 July 1872 July 1872 July 1873 Jan. 1874 July 1873 July 1873 July 1875 July 1876 July 1876 July 1876 July 1876 July 1876 July 1876 July 1876 July 1877 July 1877 July 1878 July 1878 July 1878 July 1878 July 1878 July 1878 July 1879 July 1879 July 1880 July 1881 July 1881 July 1882 July 1882 July 1882 July 1883 July 1885 July 1885 July 1886 July 1886 July 1886 July 1886 July 1887 July 1887 July 1887 July 1888 July 1888 July 1888 July 1888 July 1888 July 1888 July 1888 July 1888 July 1888 July 1888 July 1888 July 1888 July 1888 July 1888 July 1888 July 1888 July 1888 July 1888 July 1889 July 1889 July 1889	12 12 12 12 12 12 12 12 12 12 12 12 12 1	444444444444444444444444444444444444444	M M M M M M M M M M M M M M M M M M M	1.75 per day. 1.75 " " " 1.76 " " " 1.77 " " " 1.70 " " " 1.70 " " " 1.70 " " " 1.83 " " " 1.83 " " " 1.83 " " " 1.83 " " " 1.84 " " 1.85 " " " 1.70 " " " " 1.70 " " " " 1.70 " " " " 1.70 " " " " 1.70 " " " " 1.70 " " " " 1.70 " " " " 1.70 " " " " 1.70 " " " " " 1.70 " " " " 1.70 " " " " 1.70 " " " " 1.70 " " " " " 1.70 " " " " " 1.70 " " " " " 1.70 " " " " " 1.70 " " " " " 1.70 " " " " " 1.70 " " " " " 1.70 " " " " " 1.70 " " " " " 1.70 " " " " " 1.70 " " " " " 1.70 " " " " " 1.70 " " " " " " 1.70 " " " " " " 1.70 " " " " " " 1.70 " " " " " " 1.70 " " " " " " " " 1.70 " " " " " " " " " " " " " " " " " " "
			M	L. 63 " "	Jan. 1889	12	6	M	2.04
			M						
				1.00					
Jan. 1868	12	5	M	1.63 " "	Jan. 1890	112	6	M	2.04
				1, 00					2.04
Jan. 1869	12	4	M	1.63 " "	Jan. 1891	12	6	M	2.04
July 1869	12	4	M	1. 63 " "		12	ő	M	2.04 44 44
				1.00	July 1891	12	0	DAT	2. Use
Jan. 1870	12	4	M	1.63 " "	il i				
									1
	' '			·					1

CARD GRINDERS.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS-Continued.

CARD GRINDERS-Concluded.

Payroll Hours	Different employés.	Sex.	Rate	of wages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of v	rages.
Jan. 1854 a 11½ July 1854 a 11½ Jan. 1855 a 11½ July 1856 a 11½ Jan. 1856 a 11½ Jan. 1857 a 11½ Jan. 1857 a 11½ Jan. 1857 a 11½ Jan. 1859 a 11½ July 1856 a 11½ July 1856 a 11½ July 1859 a 11½ July 1850 a 11½ July 1850 a 11½ July 1850 a 11½ July 1860 a 11½ July 1861 a 11½ July 1862 a 11½ July 1863 a 11½ Jan. 1864 a 11½ Jan. 1864 a 11½ Jan. 1866 a 11½ July 1867 a 11½ Jan. 1868 a 11½ Jan. 1868 a 11½ July 1867 a 11½ July 1867 a 11½ Jan. 1868 a 11½ July 1867 a 11½ Jan. 1868 a 11½ July 1867 a 11½ Jan. 1868 a 11½ July 1867 a 11½ Jan. 1868 a 11½ July 1867 a 11½ Jan. 1869 a 11½ Jan. 1869 a 11½ Jan. 1869 a 11½ Jan. 1869 a 11½ Jan. 1869 a 11½ Jan. 1869 a 11½ Jan. 1870 a 11½ Jan. 1870 a 11½ Jan. 1870 a 11½ Jan. 1871 a 11½ Jan. 1872 a 11½	4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	M M M M M M M M M M M M M M M M M M M	\$1, 25 1, 25	por day.	Jan. 1873 Jah. 1874 Jaly 1873 Jah. 1874 Jaly 1874 Jah. 1876 July 1875 July 1876 Jah. 1876 July 1877 Jah. 1870 July 1879 Jah. 1879 Jah. 1880 Jah. 1881 Jah. 1882 Jah. 1883 July 1882 Jah. 1883 July 1884 Jah. 1885 July 1885 Jah. 1886 Jah. 1885 July 1888 July 1888 July 1888 July 1888 July 1888 July 1888 July 1888 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889	b 11 b 11 b 11 b 11 b 11 b 11 b 11 b 11	ចតាតាតាចតាចតាចតាចតាចតាចតាចតាចតាចតាចតាចតា	M M M M M M M M M M M M M M M M M M M	\$1.66 1.66 1.66 1.51 1.51 1.51 1.51 1.40 1.40 1.40 1.40 1.40 1.40 1.40 1.4	per	day.

CARD STRIPPERS.

Jan. 1850 c 11½ 3 M .83 "July 1850 c 11½ 3 M .83 "July 1866 a 11½ 5 M 1.50 "July 1851 c 11½ 3 M .83 "July 1866 a 11½ 5 M 1.50 "July 1851 c 11½ 5 M 1.50 "July 1867 a 11½ 5 M 1.50 "July 1867 a 11½ 5 M 1.50 "July 1867 a 11½ 5 M 1.50 "July 1867 a 11½ 5 M 1.50 "July 1867 a 11½ 5 M 1.50 "July 1867 a 11½ 5 M 1.50 "July 1867 a 11½ 5 M 1.50 "July 1867 a 11½ 5 M 1.50 "July 1868 a 11½ 5 M 1.50 "July 1868 a 11½ 5 M 1.43 "July 1868 a 11½ 5 M 1.43 "July 1868 a 11½ 4 M 83 "July 1869 a 11½ 7 M 1.43 "July 1869 a 11½ 7 M 1.43 "July 1870 a 11½ 8 M 1.43 "July 1870 a 11½ 8 M 1.43 "July 1870 a 11½ 8 M 1.43 "July 1871 a 11½ 8 M 1.43 "July 1870 a 11½ 8 M 1.43 "July 1870 a 11½ 1.43 "July 1870 a 11½ 1.43 "July 1870 a 11½ 1.43 "July 1871 a 11½ 1.43 "July 1871 a 11½ 1.43 </th <th></th>	
Jal. 1899 Jal. 1899 Jal. 1890 Jal. 143 Jal. 143 Jal. 143 Jal. 143 Ja	v.
Jan. 1850 c 11½ 3 M .83 " Jan. 1866 a 11½ 4 M 1.50 " July 1850 c 11½ 3 M .83 " July 1866 a 11½ 5 M 1.50 " July 1861 a 11½ 5 M 1.50 " July 1861 a 11½ 5 M 1.50 " July 1861 a 11½ 5 M 1.50 " July 1867 a 11½ 5 M 1.50 " July 1867 a 11½ 5 M 1.50 " July 1867 a 11½ 5 M 1.50 " July 1867 a 11½ 5 M 1.50 " July 1867 a 11½ 5 M 1.50 " July 1867 a 11½ 5 M 1.43 " July 1867 a 11½ 5 M 1.43 " July 1868 a 11½ 4 M 83 " July 1868 a 11½ 6 M 1.43	14
July 1850 6 11½ 3 M 83 """ July 1866 a 11½ 5 M 1.50 """ Jan. 1851 c 11½ 3 M 83 """ July 1867 a 11½ 5 M 1.50 """ July 1852 c 11½ 3 M 83 """ July 1867 a 11½ 5 M 1.50 """ July 1852 c 11½ 3 M 83 """ July 1867 a 11½ 5 M 1.43 """ July 1853 c 11½ 3 M 83 """ July 1868 a 11½ 6 M 1.43 """ Jan. 1853 c 11½ 4 M 83 """ July 1869 a 11½ 5 M 1.43 """ July 1854 a 11½ 4 M 83 """ July 1869 a 11½ 8 M 1.43 "" July 1855 a 11½ 4 M 83 """ July 1870 a 11½ 8 M 1.43 "" July 1855 a 11½ 4 M 83 """ July 1871 a 11½ 8 M 1.43 "" <t< td=""><td>1.6</td></t<>	1.6
July 1850 11 2 3 M 83 3 M 83 3 M 1 3 M 1 50 3 M 1 50 4 M 1 50 4 M 1 50 4 M 1 50 4 M 1 50 4 M 1 50 4 M 1 50 4 M 1 50 4 M 1 50 4 M 1 50 4 M 1 50 4 M 1 50 4 M 1 50 4 M 1 50 4 M 1 50 4 M 1 50 4 M	14
July 1851 c 11½ 3 M 83 " July 1867 a 11½ 5 M 1.50 " July 1852 c 11½ 3 M 83 " July 1867 a 11½ 5 M 1.43 " July 1852 c 11½ 3 M 83 " July 1868 a 11½ 6 M 1.43 " Jan. 1853 c 11½ 4 M 83 " July 1869 a 11½ 7 M 1.43 " Jan. 1854 a 11½ 4 M 83 " July 1869 a 11½ 8 M 1.43 " Jan. 1854 a 11½ 4 M 83 " July 1870 a 11½ 8 M 1.43 " July 1855 a 11½ 4 M 83 " July 1871 a 11½ 8 M 1.43 " July 1855 a 11½ 4 M 83	1.6
Jan. 1852 c 11½ 3 M 83 " Jan. 1868 a 11½ 5 M 1,43 " July 1852 c 11½ 3 M 83 " July 1868 a 11½ 5 M 1,43 " Jan. 1853 c 11½ 3 M 83 " Jan. 1869 a 11½ 5 M 1,43 " July 1853 c 11½ 4 M 83 " July 1869 a 11½ 7 M 1,43 " July 1854 a 11½ 4 M 83 " July 1869 a 11½ 8 M 1,43 " July 1854 a 11½ 4 M 83 " July 1870 a 11½ 8 M 1,43 " July 1855 a 11½ 4 M 83 " July 1870 a 11½ 8 M 1,43 " July 1856 a 11½ 4 M 83	4
July 1852 c 11½ 3 M .83 July 1868 a 11½ 5 M 1.43 July 1853 c 11½ 3 M .83 July 1868 a 11½ 5 M 1.43 July 1853 c 11½ 4 M .83 July 1869 a 11½ 7 M 1.43 July 1854 a 11½ 4 M .83 July 1870 a 11½ 8 M 1.43 July 1855 a 11½ 4 M .83 July 1870 a 11½ 8 M 1.43 July 1855 a 11½ 4 M .83 July 1871 a 11½ 5 M 1.43 July 1856 a 11½ 4 M .83 Jan. 1872 a 11½ 5 M 1.43 July 1856 a 11½ 4 M .83 July 1872 a 11½ 5 M 1.43	6.6
July 1852 c 11½ 3 M .83 " July 1856 a 11½ 5 M 1.43 " Jan. 1853 c 11½ 4 M .83 " July 1869 a 11½ 7 M 1.43 " July 1853 c 11½ 4 M .83 " July 1869 a 11½ 8 M 1.43 " July 1854 a 11½ 4 M .83 " July 1870 a 11½ 8 M 1.43 " July 1855 a 11½ 4 M .83 " July 1870 a 11½ 8 M 1.43 " Jan. 1871 a 11½ 4 M .83 " July 1871 a 11½ 5 M 1.43 " July 1856 a 11½ 4 M .83 " Jan. 1871 a 11½ 5 M 1.43 " July 1856 a 11½ 4 M .83 " Jan. 1872 a 11½ 5 M 1.43 " July 1856 a 11½ 4 M .83 " Jan. 1872 a 11½ 5 M 1.43 "	1 6
Jan. 1853 c 11½ 3 M 83 " July 1853 c 11½ 4 M 83 " July 1853 c 11½ 7 M 1.43 " July 1856 a 11½ 7 M 1.43 " July 1856 a 11½ 7 M 1.43 " July 1854 a 11½ 8 M 1.43 " July 1855 a 11½ 8 M 1.43 " July 1855 a 11½ 8 M 1.43 " July 1870 a 11½ 8 M 1.43 " July 1870 a 11½ 8 M 1.43 " July 1871 a 11½ 8 M 1.43 " July 1871 a 11½ 8 M 1.43 " July 1871 a 11½ 5 M 1.43 " July 1871 a 11½ 5 M 1.43 " July 1872 a 11½ 5 M 1.43 " July 1872 a 11½ 5 M 1.43 " July 1872 a 11½ 5 M 1.43 " July 1872 a 11½ 5 M 1.43 " July 1872 a 11½ 5 M 1.43 " July 1872 a 11½ 5 M 1.43 " July 1872 a 11½ 5 M 1.43 " July 1872 a 11½ 5 M 1.43 " July 1872 a 11½ 5 M 1.43 " July 1872 a 11½ 5 M 1.43 " July 1872 a 11½ 5 M 1.43 " July 1872 a 11½ 5 M 1.43 " July 1872 a 11½ 5 M 1.43 " July 1872 a 11½ 5 M 1.43 " July 1872 a 11½ 5 M 1.43 " July 1872 a 11½ 5 M 1.43 " July 1872 a 11½ 5 M 1.43 <td></td>	
July 1853 c.11½ 4 M .83 July 1859 a.11½ 8 M 1.43 July 1854 a.11½ 4 M .83 July 1870 a.11½ 8 M 1.43 July 1855 a.11½ 4 M .83 July 1870 a.11½ 8 M 1.43 Jan. 1855 a.11½ 4 M .83 July 1871 a.11½ 8 M 1.43 Jan. 1855 a.11½ 4 M .83 July 1871 a.11½ 5 M 1.43 July 1856 a.11½ 4 M .83 Jan. 1872 a.11½ 5 M 1.43 July 1856 a.11½ 4 M .83 July 1872 a.11½ 5 M 1.43	4.6
Jan. 1854 a 11½ 4 M .83 Jan. 1870 a 11½ 8 M 1.43 July 1854 a 11½ 4 M .83 July 1870 a 11½ 8 M 1.43 July 1855 a 11½ 4 M .83 July 1871 a 11½ 8 M 1.43 Jan. 1856 a 11½ 4 M .83 July 1871 a 11½ 5 M 1.43 July 1856 a 11½ 4 M .83 July 1872 a 11½ 5 M 1.43 July 1856 a 11½ 4 M .83 July 1872 a 11½ 5 M 1.43	11
	4.6
Jan. 1855 a 11½ 4 M .83 " " Jan. 1871 a 11½ 8 M 1.43 " July 1855 a 11½ 4 M .83 " July 1871 a 11½ 5 M 1.43 " Jan. 1856 a 11½ 4 M .83 " Jan. 1872 a 11½ 5 M 1.43 " July 1856 a 11½ 4 M .83 " July 1872 a 11½ 5 M 1.43 " July 1856 a 11½ 4 M .83 " July 1872 a 11½ 5 M 1.43 "	14
	16
Jan. 1856 a 11½ 4 M .83 " Jan. 1872 a 11½ 5 M 1.43 July 1856 a 11½ 4 M .83 " July 1872 a 11½ 5 M 1.43	6 6
July 1856 $[a \ 11\frac{1}{2}]$ 4 M .83 " " July 1872 $[a \ 11\frac{1}{2}]$ 5 M 1.43 "	
0 dry 1000 dr 11g	Lt
Jan. 1857 $\alpha 11\frac{1}{6}$ 4 M 83 " " Jan. 1873 $\alpha 11\frac{1}{6}$ 5 M 1.43	6 6
July 1857 a 111 4 M 83 " " July 1873 a 114 5 M 1.43 "	4.6
Ton 1989 a 111 4 M 93 " " Tan. 1874 a 11k 4 M 1.43	4.6
Tuly 1889 111 4 M 22 " " July 1874 a 112 4 M 1.43 "	4.4
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.4
9 au. 1800 Wilia	44
duly 1899 (4.11) 4 MI (.00) Gally 1899 7.41 4 MI (1.21)	1.6
980, 1800 (6114) 4 M 1 30 4	4.6
UNIV 1000 0 110 4 MI 100 (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6.6
9au. 1001 (0.11) 4 MI 100	4.6
July 1861 a 112 4 M. .83	6.6
Jan. 1892 (6.114) 4 M . 85	11
July 1802 a 11t 4 ML .85 July 1802 a 11t 2 Mr. 1 25 11	6.6
dan. 1863 (4.11) 5 M . 55 W	1.6
July 1863 a 114 3 M .95 " July 1863 511 2 M 1 25 "	4.6
Jan. 1864 a 11 3 M .95 " Jan. 1864 21 M 1.95 "	64
July 1864 a 113 3 M 1.12 " " July 1880 b 11 3 M 1.25 "	

a On Saturday, 84 hours only. b On Saturday, 5 hours only. c On Saturday, 9 hours only.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS-Continued.

CARD STRIPPERS-Concluded.

				CARD	STRIP	PERS—Con	cluded	l.		
Payroll of—	Hours per day.	Different employés.	Sex.	Rate of	wages.	Payroll of—	Hours per day.	Different employés.		Rate of wages.
Jan. 1881 July 1881 Jan. 1882 July 1882 Jan. 1883 July 1883 Jan. 1884 July 1884 Jan. 1885 July 1885 Jan. 1886	all all all all all all all all all all	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	M M M M M M M M M M	\$1. 25 per (1. 25 " 1. 25 " 1. 25 " 1. 25 " 1. 20 " 1. 20 " 1. 15 " 1. 15 " 1. 15 " 1. 10 " 1. 10 " 1. 10 " 1. 10 "	day.	July 1886 Jan. 1887 July 1887 Jan. 1888 July 1889 Jan. 1889 July 1889 Jan. 1890 July 1890 Jan. 1891 July 1891	a11 a11 a11 a11 a11 a11 a11 a11 a11 a11	3 4 4 4 4 5 3 3 3 3 3 3 3 3 3 3 3 3 3 3	M	\$1. 15 per day, 1. 15 " " 1. 15 " " 1. 15 " " 1. 15 " " 1. 15 " " 1. 15 " " 1. 15 " " 1. 15 " " 1. 15 " " 1. 15 " " 1. 15 " " 1. 15 " " 1. 15 " "
					CARD T	ENDERS.				
Jan. 1849 July 1849 July 1850 July 1850 July 1850 July 1850 July 1851 July 1852 July 1852 July 1853 July 1853 July 1855 July 1855 July 1855 July 1855 July 1855 July 1855 July 1855 July 1855 July 1855 July 1855 July 1855 July 1855 July 1856 July 1860 July 1860 July 1860 July 1860 July 1860 July 1860 July 1860 July 1863 July 1863 July 1863 July 1863 July 1863 July 1863 July 1863 July 1863 July 1863 July 1863 July 1864 July 1865 July 1865 July 1865 July 1865 July 1865 July 1865 July 1865 July 1865 July 1866 July 1866 July 1868 July 1868 July 1868 July 1868 July 1868 July 1869	b 11 b 11 b 11 b 11 b 11 b 11 b 11 b 1	2 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	M M M M M M M M M M M M M M M M M M M	. 75 per . 75	day.	July 1870 Jan. 1871 July 1872 July 1872 July 1872 July 1872 July 1873 July 1874 July 1874 July 1875 July 1876 July 1876 July 1876 July 1877 July 1877 July 1877 July 1877 July 1879 July 1879 July 1879 July 1879 July 1880 July 1880 July 1881 July 1882 July 1882 July 1882 July 1882 July 1884 July 1884 July 1884 July 1884 July 1885 July 1885 July 1885 July 1886 July 1886 July 1888 July 1888 July 1888 July 1888 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889	c11 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 2 1 1 1 1 2 2 2 1 1 1 1 2 2 2 1 1 1 1 2 2 2 1 1 1 1 2 2 2 1	66 6666666666666666666666666666666666	M M M M M M M M M M M M M M M M M M M	1. 34 per day. 1. 34 " " " " " " " " " " " " " " " " " "
/					CARPI	ENTERS.	•			
July 1848 Jan. 1849 July 1849 Jan. 1850 July 1850 Jan. 1851 July 1851 Jan. 1852 July 1852 July 1853	b 11½ b 11½ b 11½	3 4 4 5 3 2 4 4 3 3	M M M M M M M M M	1.50 per d 1.50 " 1.50 " 1.50 " 1.50 " 1.50 " 1.50 " 1.50 " 1.50 " 1.50 " 1.50 "	lay.	July 1853 Jan. 1854 July 1854 Jan. 1855 July 1855 Jan. 1856 July 1856 Jan. 1857 July 1857 July 1858	b 11½ c 11½ c 11½ c 11½ c 11½ c 11½ c 11½ c 11½ c 11½ c 11½ c 11½	4 5 6 4 4 4 4 3 3 4	M M M M M M M M M	1.75 per day. 1.75 " " 1.62½ " " 1.62½ " " 1.75 " " 1.75 " " 1.75 " " 1.75 " " 1.75 " " 1.75 " "

a On Saturday, 5 hours only. b On Saturday, 9 hours only. c On Saturday, 84 hours only.

GINGHAMS: ESTABLISHMENT No. 43. MASSACHUSETTS-Continued.

CARPENTERS-Concluded.

Payroll Bound pe day	c Junereni employée	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of	wages.
July 1858 a 11 Jan. 1859 a 11 Jan. 1859 a 11 July 1859 a 13 July 1860 a 13 July 1860 a 14 July 1861 a 15 July 1861 a 17 July 1862 a 13 July 1863 a 13 July 1864 a 14 July 1864 a 14 July 1865 a 15 July 1865 a 15 July 1866 a 11 July 1867 a 12 July 1867 a 12 July 1868 a 12 July 1868 a 12 July 1868 a 12 July 1869 a 12 July 1870 a 12	55442222234444566655782649983755	M M M M M M M M M M M M M M M M M M M	\$1.75 per day. 1.75	July 1875 Jan. 1876 July 1876 July 1877 July 1877 July 1877 July 1879 July 1879 July 1879 July 1879 July 1889 July 1889 July 1884 July 1883 July 1883 July 1883 July 1884 July 1884 July 1884 July 1885 July 1885 July 1885 July 1885 July 1885 July 1885 July 1885 July 1885 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1890 July 1890 July 1890 July 1890 July 1890 July 1890 July 1890 July 1890 July 1890 July 1890	b 11 b 11 b 11 b 11 b 11 b 11 b 11 b 1	7 10 22 2 2 6 6 7 7 6 17 22 8 8 15 16 11 4 4 4 5 7 6 14 15 15 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	M M M M M M M M M M M M M M M M M M M	\$2. 70 per 2. 50 "" 2. 50 "" 2. 50 "" 2. 50 "" 2. 50 "" 2. 50 "" 2. 50 "" 2. 50 "" 2. 50 "" 2. 50 "" 2. 50 "" 2. 25 "" 2. 26 "" 2. 27 "" 2. 28 "" 2. 20 "" 2	day.

DOFFERS.

F.a.					DOF	FERS.						
Jan. 1849 July 1849 July 1850 Jan. 1850 Jan. 1851 July 1852 July 1852 July 1852 July 1853 July 1854 July 1854 July 1854 July 1855 Jan. 1856 July 1854 July 1854 Jan. 1857 July 1854 Jan. 1857 Jan. 1858 July 1858 July 1858 July 1858 July 1859 July 1859 July 1859 July 1859 July 1859 July 1859 July 1859 July 1859 July 1859 July 1859 July 1859 July 1859 July 1859 July 1860 July 1860 July 1860 July 1860 July 1860 July 1861 Jan. 1862 July 1862 July 1862 July 1862	C 11d de la la la la la la la la la la la la la	4665554466666666666665555544		.40 per .40	day	July 1866 Jan. 1867 July 1867 Jan. 1868 July 1869 July 1869 July 1869 July 1869 July 1869 July 1870 Jan. 1871 July 1871 Jan. 1872 July 1872 July 1873 July 1875 July 1875 July 1875 July 1875 July 1875 July 1875 July 1875 July 1876 July 1877 July 1877 July 1877 July 1877 July 1877 July 1877 July 1877 July 1877 July 1877 July 1877 July 1877 July 1877 July 1877 July 1878 July 1878 July 1878 July 1878 July 1879		777777777777777777777777777777777777777		80 80 80 75 65 70 70 70 70 70 60 64 62 62 60 60 60 60	per	day.
July 1862 Jan. 1863	$a 11\frac{1}{2}$ $a 11\frac{1}{3}$	4	d	.55 "	"	Jan. 1880 July 1880	b 11	8	$\frac{a}{d}$. 60	4.6	6.6
July 1863		4	ď	. 55 ''	66	Jan. 1881	b 11	8	d	. 62	11	66
Jan. 1864	a 111	4	d	. 65 **	44	July 1881	b 11	. 8	d	. 64	66	66
July 1864		5	d	.70 "	41	Jan. 1882	b 11	11	d	. 62	4.5	44
Jan. 1865		6	ď	1 * 10	64	July 1882	b 11	15		. 60	4.6	44
July 1865	a 111	6	d	10	64	Jan. 1883	b11	14		. 45	44	44
Jan. 1866	011	l 7	d	.75 "	••	July 1883		13	,	word 1		.,

a On Saturday, 8½ hours only.
b On Saturday, 5 hours only.
c On Saturday, 9 hours only.

d Both males and females were employed, but it was impossible to ascertain the number of each.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSEITS-Continued.

DOFFERS-Concluded.

Payroll Bours per day.	Different sex.	Rate of wages.	Payroli of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1884 a 11 July 1884 a 11 Jan. 1885 a 11 July 1885 a 11 Jan. 1886 a 11 July 1886 a 11 Jan. 1887 a 11 July 1887 a 11	13 b 13 b 16 b 16 b 16 b 20 b 22 b 22 b	\$0 60 per day. .58 '' '' .60 '' '' .60 '' '' .60 '' '' .60 '' '' .64 '' '' .65 '' '' .67 '' ''	Jan. 1888: July 1888 Jan. 1889 July 1889 Jan. 1890: July 1890; Jan. 1891 July 1891	a 11 a 11 a 11 a 11 a 11 a 11	22 24 20 20 18 16 14	b b b b b	\$0.68 per day. .68 " " " .68 " " .68 " " .68 " " .68 " " .68 " " .68 "

DRAWING-FRAME TENDERS.

Jan. 1849 July 1849	c111	3 F 6 F	.47 per day.	July 1854 d 111 Jan. 1855 d 111	10 F 10 F	.45 per day.
Jan. 1850	c)11	8 F	. 47 " "	July 1855 d 111	10 F	. 47 " "
July 1850	$c11\frac{1}{2}$	8 F	.47 '' ''	Jan. 1856 d 111	10 F	. 49 " "
Jan. 1851	c111	8 F	. 47 " "	July 1856 d 111	10 F	. 49 11 11
July 1851	c 111	7 F	.47 " "	Jan. 1857 d114	10 F	. 49 '' ''
Jan. 1852	c 111	7 F	.47 " "	July 1857 d 114	10 F	. 49 " "
July 1852	c 111	8 F	.45 " "	Jan. 1858 d 111	10 F	. 49 " "
Jan. 1853	c 111	9 F	. 45 " "	July 1858 d 114	10 F	, 49 " "
July 1853	$c11\frac{1}{2}$	9 F	.45 ""	Jan. 1859 d 111	10 F	. 49 " "
Jan. 1854	$d11\frac{1}{2}$	10 F	.45 " "	July 1859 d.111	10 17	.49 ** **

a On Saturday, 5 hours only.
 b Both males and females were employed, but it was impossible to ascertain the number of each.

c On Saturday, 9 hours only. d On Saturday, 8 hours only.

Rate of wages.

TABLE XIL-RATES OF WAGES FOR 52 YEARS-Continued.

GINGHAMS: ESTABLISHMENT No. 43. MASSACHUSETTS-Continued.

DRAWING-FRAME TENDERS-Concluded.

Rate of wages.

Payroll

of-

Hours

per day.

Different

employés

Sex.

Hours

per day.

Payroll of-

Differen t

employés.

Sex.

July 1860 a 115 Jan. 1861 a 115 July 1861 a 115 July 1862 a 115 July 1862 a 115 July 1862 a 115 July 1863 a 115 July 1864 a 115 July 1865 a 115 July 1866 a 115 July 1866 a 115 July 1866 a 115 July 1867 a 115 July 1868 a 115 July 1868 a 115 July 1868 a 115 July 1869 a 115 July 1869 a 115 July 1869 a 115 July 1869 a 115 July 1869 a 115 July 1869 a 115 July 1869 a 115 July 1871 a 115 July 1870 a 115 July 1871 a 115 July 1871 a 115 July 1871 a 115 July 1872 a 115 July 1872 a 115 July 1872 a 115 July 1873 a 115 July 1874 a 115 July 1875 b 115 July 1875 b 115	13 F 12 F 12 F 13 F 13 F 11 F 10 F 10 F 10 F 9 F	50 " " " 50 " " " 50 " " " 50 " " " 50 " " " 50 " " " 50 " " " 50 " " " 50 " " " 60 " " " 63 " " " 80 " " " 80 " " " 82 " " " 83 " " " 84 " " " 85 " " " 86 " " " 87 " " " 88 " " " 89 " " " 80 " " " " 80 " " 80 " " 80 " " 80 " "	July 1876 b 11 Jan. 1877 b 11 July 1877 b 11 July 1877 b 11 July 1878 b 11 July 1879 b 11 July 1879 b 11 July 1880 b 11 July 1880 b 11 July 1880 b 11 July 1882 b 11 July 1882 b 11 July 1883 b 11 July 1883 b 11 July 1883 b 11 July 1884 b 11 July 1885 b 11 July 1885 b 11 July 1885 b 11 July 1885 b 11 July 1885 b 11 July 1885 b 11 July 1885 b 11 July 1885 b 11 July 1886 b 11 July 1887 b 11 July 1888 b 11 July 1888 b 11 July 1888 b 11 July 1889 b 11 July 1890 b 11	**************************************	\$0.75 per day. 70 "" "" 67 "" "" 67 "" "" 67 "" "" 67 "" "" 67 "" "" 68 "" "" 80 "" "" 85 "" "" 85 "" "" 85 "" "" 87 "" "" 88 "" "" 88 "" "" 88 "" "" 88 "" "" 88 "" "" 88 "" "" 88 "" "" 88 "" "" 88 "" "" 88 "" "" 88 "" "" 88 "" "" 88 "" "" 88 "" "" 88 "" "" 89 "" "" 80 "" 80 ""
July 1848 c113 Jan. 1849 c113 Jan. 1849 c113 Jan. 1850 c114 Jan. 1850 c114 Jan. 1850 c115 Jan. 1851 c115 Jan. 1852 c115 Jan. 1852 c115 Jan. 1853 c115 Jan. 1853 c115 Jan. 1853 c115 Jan. 1855 c115 Jan. 1855 c115 Jan. 1856 c115 Jan. 1857 c115 Jan. 1857 c115 Jan. 1857 c115 Jan. 1850 c115 Jan. 1857 c115 Jan. 1	6 M 11 M 12 M 14 M 14 M 14 M 14 M 14 M 14 M 14 M 14	1 35	July 1867 a11½ July 1868 a11½ July 1868 a11½ July 1869 a11½ July 1869 a11½ July 1869 a11½ July 1870 a11½ July 1871 a11½ July 1871 a11½ July 1872 a11½ July 1872 a11½ July 1873 a11½ July 1873 a11½ July 1873 a11½ July 1874 a11½ July 1875 b11 July 1875 b11 July 1876 b11 July 1876 b11 July 1877 b11 July 1877 b11 July 1878 b11 July 1878 b11 July 1878 b11 July 1878 b11 July 1879 b11 July 1878 b11 July 1878 b11 July 1878 b11 July 1878 b11 July 1878 b11 July 1878 b11 July 1888 b11 July 1889 b11 July 1889 b11 July 1889 b11 July 1881 b11 July 1882 b11 July 1883 b11 July 1883 b11 July 1883 b11 July 1883 b11 July 1883 b11 July 1883 b11 July 1883 b11 July 1883 b11 July 1883 b11 July 1883 b11 July 1883 b11 July 1883 b11 July 1884 b11 July 1885 b11 July 1886 b11 July 1886 b11 July 1886 b11 July 1886 b11 July 1886 b11 July 1886 b11 July 1886 b11 July 1886 b11 July 1886 b11 July 1886 b11 July 1886 b11 July 1886 b11 July 1886 b11 July 1886 b11 July 1886 b11 July 1886 b11 July 1886 b11	14 M 14 M 12 M 12 M 13 M 13 M 12 M 13 M 10 M 10 M 10 M 10 M 11 M 10 M 11 M 10 M 11 M 11	2.49 per day. 2.25 """ 2.16 """ 2.18 """ 2.50 """ 2.26 """ 2.59 """ 2.76 """ 2.77 """ 2.78 """ 2.78 """ 2.71 """ 2.73 """ 2.57 ""

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS-Continued,

DRESSERS-Concluded.

	Payroll Hours per employes. Sex. Rate of wages. Payroll of of employes. Rate of wages.												
Payroll of—	Hours per day.	Different	Sex.	Rate of wages.			Dinerent	Sex.	Rate of wages.				
July 1886 Jan. 1887 July 1887 Jan. 1888 July 1888 Jan. 1889	a 11 a 11	14 15 15 16 17 17	M M M M M M	\$2.06 per day. 2.08 " " 2.20 " " 2.24 " " 2.35 " "	July 1890	a 11 a 11 a 11	13 14 14 14 13	M M M M	\$3.05 per day, 3.12 """ 3.45 """ 2.95 """				
				DYI	ERS.								
July 1848 Jan. 1849 July 1849 July 1850 July 1850 July 1851 July 1851 July 1851 July 1852 Jan. 1853 July 1853 July 1854 July 1855 July 1855 July 1855 July 1855 July 1856 July 1856 July 1856 July 1856 July 1859 Jun. 1857 July 1859 July 1869 July 1860 July 1860 July 1860 July 1862 Jan. 1864 July 1862 Jan. 1864 July 1862 July 1862 July 1865 July 1866 July 1866 July 1866 July 1866 July 1867 July 1867 July 1867 Jun. 1867 July 1867 Jun. 1867 July 1868 July 1868 July 1869	0 11	10 9 16 20 26 24 21 15 26 21 20 20 20 20 22 24 26 27 31 30 27 26 21 22 24 24 24 24 22 21 21 21 21 21 21 21 21 21 21 21 21	N M M M M M M M M M M M M M M M M M M M	1.00 per day. 1.00 " " 1.00 "	July 1870 Jan. 1871 July 1871 July 1872 July 1872 July 1873 July 1873 July 1873 July 1874 July 1876 July 1876 July 1876 July 1876 July 1876 July 1876 July 1876 July 1876 July 1876 July 1878 July 1878 July 1879 July 1879 July 1880 July 1881 July 1882 July 1883 July 1884 July 1884 July 1884 July 1884 July 1885 July 1886 July 1886 July 1887 July 1887 July 1887 July 1888 July 1888 July 1888 July 1888 July 1888 July 1888 July 1888 July 1888 July 1888 July 1888 July 1888 July 1888 July 1888 July 1889 July 1889 July 1889 July 1890 July 1890 July 1890 July 1890 July 1890	c11½ c11½ c11½ c11½ c11½ c11½ c11½ c11½	23 30 30 29 29 30 30 30 32 27 36 31 32 27 36 31 32 27 36 44 45 46 47 42 46 47 46 46 47 46 46 47 46 46 46 47 47 46 46 46 46 46 46 46 46 46 46 46 46 46	M M M M M M M M M M M M M M M M M M M	1.70 per day. 1.70 " " " " 1.70 " " " 1.70 " " " 1.70 " " " 1.70 " " " 1.70 " " " 1.70 " " " 1.70 " " " 1.70 " " " 1.70 " " " 1.70 " " " 1.70 " " " 1.70 " " " 1.70 " " " 1.70 " " " 1.70 " " " 1.70 " " " 1.70 " " " " 1.70 " " " " 1.70 " " " " 1.70 " " " " 1.70 " " " " 1.70 " " " " " 1.70 " " " 1.70 " " " " " 1.70 " " " " 1.70 " " " " 1.70 " " " " " 1.70 " " " " " 1.70 " " " " " 1.70 " " " " " 1.70 " " " " " 1.70 " " " " " " 1.70 " " " " " 1.70 " " " " " 1.70 " " " " " 1.70 " " " " " " " 1.70 " " " " " " 1.70 " " " " " " 1.70 " " " " " " 1.70 " " " " " " " " 1.70 " " " " " " " " " " " " " " " " " " "				
	·			гоол	FIXERS.								
July 1848 Jan. 1849 July 1849 Jan. 1850 July 1850 Jan. 1851	b 11½ b 11½ b 11½ b 11½ b 11½ b 11½	7 9 11 12 14	M M M M M	1. 25 per day, 1. 40 """ 1. 40 """ 1. 40 """ 1. 40 """	July 1×52	b 11½ b 11½ b 11½ b 11½	4 6 5 15	M M M	1. 25 1. 50 1. 26½				
July-1351	b 11½ b 11½	2 8	М	1. 25 " " 1. 1. 35 " "	Jan. 1853	b 11½ b 11½ b 11½	5 5 5	Д Д Д	1. 00 " " " 1. 25 " " 1. 50 " "				
Average	b 11½	10	м	1.33 " "	Average	b 11½	15	M	1. 25 " "				
Jan. 1852	b111 b 111 b	4 6 5	M M M	1.00 " " " 1.25 " " " 1.50 " " "	July 1853	b 111 b 111	5 5 5	M M M	1.00 " " 1.25 " " 1.50 " "				
A Verage	_	15 r. 5 hours o	M	h On Saturdas	Average		15 c On Sor		1.25 " " v 81 hours only.				

a On Saturday, 5 hours only. b On Saturday, 9 hours only. c On Saturday, 83 hours only.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS-Continued.

LOOM FIXERS - Continued

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of	wages.
Jan. 1854	a 11½ a 11½ a 11½	- 5 5 5	M M M	\$1.00 1.25 1.53	per	day.	July 1860	a 11½ a 11½ a 11½	4 4 5	M M M	\$1, 23 1, 54 1, 87	þer 	day.
Average	a 11½	15	М	1. 25	11	4.6	Average	a 1·1 ½	13	М	1.57	11	44
July 1854	a 11½ a 11½ a 11½	5 4 5	<u>М</u> М	1.00 1.25 1.50	11	41 61 61	Jan. 1861	a 11½ a 11½ a 11½	4 4 5	M M M	1. 20 1. 55 1. 80	6 6 6 6	6 6 6 6
Average	a 11½	14	М	1. 25	6.6	44	Average		13	<u>M</u>	1. 54	4.6	í.
Jan. 1855	a 11½ a 11½ a 11½	5 4 5	M M M	1. 00 1. 25 1. 59	1 4 1 6 1 6	14 44 61	July 1861	a 111 a 111 a 111 a 111 a 111 a	4 4 5	M M M	1.30 1.50 2.00	66 66	4 5 4 5 6 6
Average	a 11½	14	М	1. 25	"	"	Average	a 111	13	М	1. 63	66	44
July 1855	a 11½ a 11½ a 11½	4 4 5	<u>М</u> М М	1, 17 1, 23 1, 84	61 61	66	Jan. 1862	a 11½ a 11½ a 11½ a 11½	4 4 5	M M M	1.00 1.50 1.85	**	66
Average	a 11½	13	М	1.441	5.6	**	Average	α 1,1½	13	м	1.48	4.1	44
Jan. 1856	a 11½ a 11½ a 11½	4 4 5	M M M	1. 26 1. 72 1. 94	66	6 L 6 L 6 L	July 1862	$ \begin{array}{c c} a & 11\frac{1}{2} \\ a & 11\frac{1}{2} \\ a & 11\frac{1}{2} \end{array} $	4 2 5	M M M	1.00 1.30 1.62	11	64 44
Average	a 11½	13	М	1.661	44	**	Average	a 111	13	м	1. 33	14	44 -
July 1856	$a 11\frac{1}{2}$ $a 11\frac{1}{2}$ $a 11\frac{1}{2}$	4 4 5	M M M	1. 28 1. 73 1. 93	6.6 6.6	66 66	Jan. 1863	$ \begin{array}{c c} a & 11\frac{1}{2} \\ a & 11\frac{1}{2} \\ a & 11\frac{1}{2} \end{array} $	3 4 5	M M M	1.00 1.30 2.40	44	66
Average	a 11½	13	М	1. 67	6.6	66	Average		12	М	1.684	6 6	**
Jan. 1857	a 11½ a 11½ a 11½	4 4 5	M M M	1. 33 1. 70 1. 98	**	11 11	July 1863	$a 11\frac{1}{2}$ $a 11\frac{1}{2}$ $a 11\frac{1}{2}$	3 4 5	M M M	1.00 1.30 2.00	6 6 6 6	4.6 4.6 4.6
Average	a 111	13	M	1.691	4.4	r t	Average	$a_{11\frac{1}{2}}$	12	M	1. 51½	4.6	44
July 1857	a 11½ a 11½ a 11½	4 4 5	M M M	1. 25 1. 76 2. 17	44 64	64 65	Jan. 1864	$ \begin{array}{c} a 11\frac{1}{2} \\ a 11\frac{1}{2} \\ a 11\frac{1}{2} \end{array} $	3 . 5 5	M M M	1. 25 1. 43 1. 78	6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 +	**
Average	a 11½	13	M	1.76	4.6	**	Average	$a11\frac{1}{2}$	13	М	1.52	, **	**
Jan. 1858	a 11½ a 11½ a 11½	4 4 5	M M M	1. 21 1. 52 1. 87	14	"	July 1864	a 11½ a 11½ a 11½	3 5 5	M M M	1.40 1.45 1.79	6 6 6 6	6 6 6 4 6 6
Average	α11½	13	M	1.56	4.4	4.6	Average	a 111	13	M	1.57	6.6	44
July 1858	a 11½ a 11½ a 11½	4 4 5	M M M	1. 24 1. 51 1. 86	6 6 6 6	**	Jan. 1865	a 11½ a 11½ a 11½	4 5 5	M M M	1.66½ 2.00 2.33	44	4.6 4.6
Average	a 11½	13	M	1.56	44	6.6	Average	a 111	14	M	2.02		44
Jan. 1859	a 11½ a 11½ a 11½	4 4 5	M M M	1. 22 1. 54 1. 97	66 66	44 44	July 1865	$ \begin{array}{c} a 11\frac{1}{2} \\ a 11\frac{1}{2} \\ a 11\frac{1}{2} \end{array} $	5 6 u	M M M	1.80 2.12 1 2.45	66	46 66 61
Average	α11½	13	м	1.601	6.6	44	Average	a 11½	17	M	2. 14	44	**
July 1859	$a \frac{11\frac{1}{2}}{a \frac{11\frac{1}{2}}{2}}$	4 4 5	M M M	1. 28 1. 51 1. 80	4 1 1 4	44 64 61	Jan. 1866	$a 11\frac{1}{2}$ $a 11\frac{1}{2}$ $a 11\frac{1}{2}$	6 6	M M M	2. 00 2. 30 2. 62½	44 44	6.6 6.6
Average	a 11½	13	M	1.55	6.6	64	Average		18	M	2. 31	44	"
Jan. 1860	$a 11\frac{1}{2}$ $a 11\frac{1}{2}$ $a 11\frac{1}{2}$	4 4 5	М М М	1. 23 1. 52 1. 91	6 6 6 6	11	July 1866	$a 11\frac{1}{2}$ $a 11\frac{1}{2}$ $a 11\frac{1}{2}$	5 6 6	M M M	2. 00 2. 30 2. 62 1	6 6 6 6	16 16
Average	a111	13	м	1.58 a ("On S	" aturda	Average y, 8½ hours o		17	M	2, 32	. 66	**

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued.

	Payroll Hours Different Sex. Rate of wages. Payroll Hours Different Sex. Rate of wages. Payroll Hours Different Sex. Rate of wages. Rate of wages. Payroll Hours Different Sex. Rate of wages. Payroll Hours Different Sex. Rate of wages. Payroll Hours Different Payroll Payroll Payroll Hours Different Sex. Rate of wages. Payroll Payro													
	per	Dinerent	Sex.	Rate of wages,		per	1 TOTHER ORD	Sex.	Rate	of wages.				
Jan. 1867	a 11½ a 11½ a 11½	5 6 6	M M M	\$2.00 per day. 2.30 """ 2.62½ """	July 1873	a 11½ a 11½ a 11½	10 7 8	M M M	\$2.00 2.30 2.62½	per day.				
▲verage	$a 11\frac{1}{2}$	17	M	2.321 " "	Average	a 11½	25	М	2. 281	11 41				
July 1867	$a \frac{11_{\frac{1}{2}}}{a \frac{11_{\frac{1}{2}}}{a \frac{11_{\frac{1}{2}}}{a}}}$	5 6 6	M M M	2. 00 " " 2. 30 " " 2. 62½ " "	Jan. 1874	a 11½ a 11½ a 11½	10 7 ·8	M M M	2, 00 2, 30 2, 62‡	66 66 66 46 66 46				
Average	a 11½	17	М	2.321 " "	Average	α11½	25	м	2.284	44 44				
Jan. 1868	a 11½ a 11½ a 11½	6 ti 6	M M M	2. 00 "" " 2. 30 "" " 2. 62½ "" "	July 1874	$a 11\frac{1}{2}$ $a 11\frac{1}{2}$ $a 11\frac{1}{2}$	10 7 8	M M M	2.00 2.30 2.62	66 66 66 66				
Average	a 11½	18	M	2.31 ""	Average	α 11½	25	M	2. 281	44 44				
July 1868	$a \frac{11\frac{1}{2}}{a \frac{11\frac{1}{2}}{2}}$	7 6 6	M M M	2.00 " " " 2.30 " " 2.62½ " "	Jan. 1875	b 11 b 11 b 11	6 H 12	M M M	1.82 2.10 2.39	14 16 15 11 49 14				
Average	a 11½	19	M	2. 29 " "	Average	b 11	. 26	M	2.17	66 66				
Jan. 1869	$a 11\frac{1}{2}$ $a 11\frac{1}{2}$ $a 11\frac{1}{2}$	6 6 . 6	M M M	2.00 ** ** 2.30 ** ** 2.62½ ** **	July 1875	b 11 b 11 b 11	- 6 7 12	M M M	1.82 2.10 2.39	16 66 16 48 15 46				
Average	a 11½	18	М	2.31 " "	Average	b 11	. 25	M	2.17	16 16				
July 1869	$a 11\frac{1}{2}$ $a 11\frac{1}{2}$ $a 11\frac{1}{2}$	5 7 6	M M M	2. 00 · · · · · · · · · · · · · · · · · ·	Jan. 1876	b 11 b 11 b 11	12 16 12	M M M	1.82 2.10 2.39	\$6 66 66 68				
Average	a 11½	18	M	2. 321 " "	Average	b 11	40	М	2.101	j4 46				
Jan. 1870	$a 11\frac{1}{2}$ $a 11\frac{1}{2}$ $a 11\frac{1}{2}$	6 7 8	M M M	2.00 " " 2.30 " " 2.62½ " "	July 1876	b11 b11 b11	13 16 12	M M M	1. 73 2. 00 2. 27	64 66 64 65				
Average	a 11½	21	M	2.34 " "	Average	b 11	41	Т	1. 991	65 68				
July 1870	a 11½ a 11½ a 11½	6 7 8	M M M	2. 00 " " " 2. 30 " " " 2. 62½ " "	Jan. 1877	b 11 b 11 b 11	11 16 12	M M M	1.73 2.00 2.27	46 66 66 66				
Average	a 11½	21	м	2.34 " "	Average	. b 11	39	М	$2.00\frac{1}{2}$	16 45				
Jan. 1871	$a 11\frac{1}{2}$ $a 11\frac{1}{2}$ $a 11\frac{1}{2}$	6 7 8	M M M	2. 00 44 44 2. 30 44 44 2. 62½ 45 44	July 1877	b11 b11 b11	10 16 12	M M M	1. 73 2. 00 2. 27	£1 £1 £4 £4				
Average	a 111	21	M	2.34 " "	Average	b 11	38	M	2. 01½	66 66				
July 1871	$a \frac{11\frac{1}{2}}{a \frac{11\frac{1}{2}}{a \frac{11\frac{1}{2}}{2}}}$	6 7 8	M M M	2. 00	Jan. 1878	b 11 b 11 b 11	12 14 12	M M M	1, 73 2, 00 2, 27	66 66 66 64				
Average	$a11\frac{1}{2}$	21	М	2.34 " "	Average	. b 11	38	M	2.00 .	66 66				
Jan. 1872	$a \frac{11\frac{1}{2}}{a \frac{11\frac{1}{2}}{11\frac{1}{2}}}$	6 8 8	M M M	2. 00 " " " 2. 30 " " " 2. 62½ " " "	July 1878	b Π b 11 b 11	12 15 12	M M M	1.73 2.00 2.27	16 11				
Average	a 11½	22	М	2.331 " "	Average	b 11	39	м	2. 00	** **				
July 1872	a 11½ a 11½ a 11½	8 8	M M M	2.00 " " " 2.30 " " " 2.62½ " " "	Jan. 1879	b 11 b 11 b 11	12 14 12	M M M	1,73 2,00 2,27	11 11 11 14				
Av erage	a 11½	22	М	2. 331 44 44	Average	611	38	M	2.00	tt 46				
Jan. 1873	a 11½ a 11½ a 11½	10 7 8	M M M	2. 00 " " " 2. 30 " " " " " " " " " " " " " " " " " "	July 1879	b11 b11 b11	12 12 13	M M M	1.60 1.85 2.15	11 11 11 11				
Average		25 Saturday,	M 8½ hou	2.284 " " " " " " " " " " " " " " " " " " "	Average b		37 turday, 5 h		1.87½ only.	44 69				

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued.

LOOM FIXERS-Concluded.

Payroll of—	Hours per day	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	Hours per day:	Different employés.	Sex.	Rate	of v	vages.
Jan. 1880	a 11 a 11 a 11	12 13 14	M M M	\$1.60 1.85 2.15	per e	lay.	Jan. 1886	a 11 a 11 a 11	14 13 13	M M M	\$1.57 1 1.83 2.09	per "	day.
Average	-a 11	39	M	1.88	44	64	Average	a 11	40	М	1.821	66	44
July 1880	a 11 a 11 a 11	10 14 14	M M M	1.73 2.00 2.27	66	44	July 1886	a 11 a 11 a 11	14 13 14	M M M	1. 65 1. 92 2. 20	6 6 6 8	44 44
Average	a 1.1	38	М	2, 03			Average	a 11	41	М	1.921	44	44
Jan. 1881	a 11 a 11 a 11	10 14 14	M M M	1.73 2.00 2.27	6 4 6 4	11	Jan. 1887	a 11 a 11 a 11	14 13 15	M M M	1. 65 1. 92 2. 20	6 6 6 6	11 11
Average	a 11	38	. м	2.03		66	Average	α 11	42	М	1.93	44	11
July 1881	a 11 a 11 a 11	11 14 14	M M M	1.75 2.00 2.27	6 6 6 6	(July 1887	α 11 α 11 α 11	14 14 17	M M M	1. 65 1. 92 2. 20	6 6 6 6	"
Average	a 11	39	M	2.024		**	Average	a 11	45	M	1.94	64	**
Jan. 1882	a 11 a 11 a 11	12 14 14	M M M	1. 73 2. 00 2. 27	64 64	44 41 44	Jan. 1888	α 11 α 11 α 11	17 16 27	M M M	1. 65 1. 92 2. 20	6.6 6.6 6.6	4 f 4 f 4 f
Average	a 11	40	М	2, 01		"	Average	a 11	50	М	1. 921	44	44
July 1882	a 11 a 11 a 11	12 14 14	M M M	1. 73 2. 00 2. 27	6 6 6 8	66 66	July 1888	a 11 a 11 a 11	17 17 17	M M M	1. 65 1. 92 2. 20	"	6 6 6 6
Average	a 11	40	М	2, 01	- "	44	Average	a 11	51	M	1. 921	"	**
Jan. 1883	a 11 •a 11 a 11	13 13 13	M M M	1.73 1.92 2.20	/ 66 16 61	61 68 66	Jan. 1889	a 11 a 11 a 11	15 18 18	M M M	1. 65 1. 92 2. 20	6 6 6 6	66 61
Average	a 11	39	M	1.95	"	14	Average	à 11	51	M	1.94	61	41
July 1883	a 11 a 11 a 11	12 13 12	M M M	1.65 1.92 2.20	44 44	8 t 8 6 4 4	July 1889	a 11 a 11 a 11	15 18 18	M M M	1, 65 1, 92 2, 20	14 41	"
Average	a 11	37	M	1.92	. "	**	Average	a 11,	51	М	1.94	4.4	44
Jan. 1884	a 11 a 11 a 11	12 12 12	M M M	1. 65 1. 92 2. 20	44 15	46	Jan. 1890	a 11 a 11 a 11	16 18 18	M M M	1, 65 1, 92 2 , 20	1 6 5 6	44 44 14
Average	a 11	36	M	1. 92		**	Average	a 11	52	M	1. 931	6.6	44
July 1884	a 11 a 11 a 11	12 12 12	M M M	1. 57 1. 83 2. 09	11	6.6 6.6	July 1890	a 11 a 11 a 11	16 18 18	M M M	1.65 1.92 2.20	61	64 64
Average	a 11	36	M	1.83		"	Average	a 11	52	М	1. 93½	41	44
Jan. 1885	a 11 a 11 a 11	13 12 12	M M M	1.57 1.83 2.09	14 14 13-	41	Jan. 1891	a 11 a 11 a 11	18 18 18	M M M	1. 65 1. 92 2. 20	6 E	64 65 64
Average	a 11	- 37	M	1. 82		**	Average	a 11	54	M	1. 921	6.6	41
July 1885	a 11 a 11 a 11	13 18 13	M M M	1. 57 1. 83 2. 09	44	4¢	July 1891	a 11 a 11 a 11	18 18 18	M M M	1, 65 1, 92 2, 20	6 6 6 6	44 14 44
Average	a 11	39	м	1.83		"	Average	a 11	54	M	1. 92½	64	44
4.		·	•										

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS-Continued

MACHINISTS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rat	e of v	vages
July 1848	a 113	4	M	\$1.50	per day.	July 1870	b 113	25	М	\$2.75	mom i	
Jan. 1849	a 113	4	M	1.50	per day.	Jan. 1871		24	M	2.75	ber t	щy.
July 1849	a 113	5	M	1.50	46 64	July 1871		25	M	2.75	44	66
Jan. 1850	a 113	6	M	1.50	66 64	Jan. 1872		26	m	2.75	66	**
July 1850	a 11½	6	M	1.50	66 65	July 1872		19	M	2.75	44	44
Jan. 1851	a 113	6	M	1.50	64 64	Jan. 1873		23	M	2. 75	66	11
July 1851	a 113	4	M	1.50	65 66	July 1873		19	M	2. 75	44	**
Jan. 1852	a 111	4	M	1.50	66 64	Jan. 1874		12	M	2.75	68	66
July 1852	a 111	ā	M	1.50	44 44	July 1874		12	M	2. 75	- 11	**
Jan. 1853	a 113	3	M	1. 53	48 44	Jan. 1875		8	M	2. 50	44	"
July 1853	a 113	3	M	1.52	66 65			9	M	2.50	16	**
Jan. 1854	b 111	5	M	1. 52	66 66	July 1875 Jan. 1876		14	M	2.50	44	44
July 1854	b 111	4	П	1.474	66 66	July 1876		14	M	2.50	11	66
Jan. 1855	b 111	4	M	1. 47	64 64	Jan. 1877		12	M	2.50	**	
July 1855	b 111	6	M	1.49	66 64	July 1877		12	M	2.50	66	**
Jan. 1856	b 113	7	M	1, 49	55 55	Jan. 1878		12	M	2.50	66	**
July 1856	b 111	8	M	1.55	11 11			iii	M	2. 25	"	
Jan. 1857	b 113	8	M	1.55	45 46	July 1878 Jan. 1879		15	M	2. 25	66	64
July 1857	6 113	8	M	1.58	64 64	July 1879		12	M	2. 25	44	66
Jan. 1859	b 111	8	M	1.55	44 44	Jan 1880		12	M	2. 25	44	46
July 1858	b 113	5	M	1.50	66 66	July 1886		13	M	2.40	66	66
Jan. 1859	b 113	5	M	1.50	14 61	Jan. 1881	c 11	14	M	2.40	4.6	
July 1859	b 11%	5	31	1.571	66 66	July 1881		22	M	2.40		66
Jan. 1860	b 111	6	M	1.55	14 44	Jan. 1882		22	M	2.40	4.6	
July 1860	b 113	4	M	1.40	65 65	July 1882		20	M	2.50	44	
Jan. 1861	b 113	4	M	1. 40	68 66	Jan. 1883		18	M	2.45	44	6.6
July 1861	b 111	4	2.5	1.54	66 66	July 1883		20	M	2.45	66	44
Jan. 1862	b 113	4	M	1.50	44 44	Jan. 1884		14	M	2.45	44	
July 1862	b 111	ŝ	M	1. 43	66 66	July 1884		12	M	2. 35	11	44
Jan. 1863	b 112	3	M	1.50	66 46	Jan. 1885		10	M	2. 25	4.6	66
July 1863	b 111	4	M	1. 55	44 44	July 1885		14	m	2. 23	4.6	
Jan. 1864	b 111	4	М	1.55	44 66	Jan. 1886		12	M	2. 23	6.6	6.6
July 1864	b 115	6	M	1.66	16 44 **	July 1886		14	M	2, 35	4.6	. 6
Jan. 1865		7	M	1.70	36 46	Jan. 1887	c 11	14	M	2. 35	4.6	6.6
July 1865	b 113	7	M	1.99	66 66	July 1887	c 11	12	M	2.35	44	4.6
Jan. 1866		7	M	2, 25	66 66	Jan. 1888		13	M	2.35	4.4	4.4
July 1866		7	M	2.35	46 44	July 1888		14	M	2. 35	4.6	4.4
Jan. 1867	b 113	8	М	2.35	64 64	Jan. 1889		12	M	2. 35	4.6	
July 1867	b 115	8	$\widetilde{\mathbf{M}}$	2.36	45 45	July 1889		12	M	2. 35	44	64
Jan. 1868	b 111	10	M	2.30	16 15	Jan. 1890		13	M	2. 35		41
July 1868		ii	M	2. 28	66 44	July 1896		12	M	2. 35	64	4.6
Jan. 1869		9	M	2. 30	11 66	Jan. 1891		12	M	2. 35	66	4.5
July 1869		17	$\overline{\mathbf{M}}$	2. 26	6+ 65	July 1891		12	M	2.35	4.6	8.6
Jan. 1870	b 111	36	$\widetilde{\mathbf{M}}$	2.75	66 66	1 5115	- 11	15		00		
	2	2.0				11	1	1		l l		

OVERSEERS, CARDING DEPARTMENT,

	,						
July 1849 a. Jan. 1850 a. July 1851 a. July 1851 a. July 1851 a. July 1852 a. July 1853 a. July 1853 a. July 1853 a. July 1854 b. July 1855 b. July 1856 b. July 1856 b. July 1857 b. July 1857 b. July 1857 b. July 1858 b. July 1858 b. July 1858 b. July 1858 b. July 1858 b. July 1858 b. July 1858 b. July 1858 b. July 1858 b. July 1858 b. July 1858 b.	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M M M M M M M M	2.50° per day. 2.50° "" 2.50° "" 2.50° "" 2.50° "" 2.50° "" 2.50° "" 2.50° "" 2.50° "" 3.00° "" 3.00° "" 3.00° "" 3.00° "" 3.00° "" 3.00° "" 3.00° "" 3.00° "" 3.00° "" 3.00° "" 3.00° "" 3.00° "" 3.00° "" 3.00° "" 3.00° ""	Jan. 1862 b 114 July 1862 b 115 July 1862 b 115 July 1863 b 115 July 1863 b 115 July 1864 b 115 July 1865 b 115 July 1866 b 115 July 1866 b 115 July 1867 b 115 July 1867 b 115 July 1868 b 115 July 1868 b 115 July 1868 b 115 July 1868 b 115 July 1868 b 115 July 1868 b 115 July 1868 b 115 July 1868 b 115 July 1869 b 115 July 1870 b 115 July 1870 b 115 July 1870 b 115 July 1870 b 115 July 1870 b 115 July 1870 b 115 July 1870 b 115 July 1870 b 115	1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M	3.00 3.00 3.00 3.00 3.00 3.25 3.25 3.25 3.50 3.50 3.50 3.50 3.50 3.50 3.50	per day
July 1855 b 1 Jan. 1856 b 1 July 1856 b 1 Jan. 1857 b 1 July 1857 b 1 Jun. 1858 b 1 July 1858 b 1	11.55 1.11.55 1.11.1.55 1.	M M M M	3.00 " " " 3.00 " " " 3.00 " " " " 3.00 " " " " " " 3.00 " " " " " " " " " " " " " " " " " "	July 1868 b 11½ Jan. 1869 b 11½ July 1869 b 11½ July 1869 b 11½ Jan. 1870 b 11½ July 1870 b 11½ Jan. 1871 b 11½	1 M 1 M 1 M 1 M 1 M	3.50 3.50 3.50 3.50 3.50 3.50	14

a On Saturday, 9 hours only. b On Saturday, 81 hours only. c On Saturday, 5 hours only.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued.

OVERSEERS, CARDING DEPARTMENT-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1875 July 1875 Jan. 1876 July 1876	a 11	1 1 1	M M M M	\$4.00 4.00 4.00 4.00	per day.	July 1883 Jan. 1884 July 1884 Jan. 1885	a 11 a 11 a 11 a 11	1 1 1 1	M M M M	\$4.00 4.00 4.00 4.00	64 64	66
ian. 1877 July 1877 Jan. 1878 July 1878	a 11 a 11 a 11 a 11	1 1 1	M M M M	4, 00 4, 00 4, 00 4, 00 4, 00	66 46 66 66 66 66	July 1885 Jan. 1886 July 1886 Jan. 1887	a 11 a 11 a 11 a 11	1 1 1	M M M M	4.00 4.00 4.00 4.00	11	66 66 66
Jan. 1879- July 1879 Jan. 1880 July 1880 Jan. 1881	a 11 a 11 a 11 a 11 a 11	1 1 1	M M M M	4.00 4.00 4.00 4.00 4.00	44 44 44 44 44 45	July 1887 Jan. 1888 July 1888 Jan. 1889 July 1889	a 11 a 11 a 11 a 11 a 11	1 1 1	M M M M	4.00 4.00 4.00 4.00 4.00	11	66 66
fuly 1881 [an. 1882 [uly 1882 [an. 1883]	a 11 a 11	1 1 1 1	M M M M	4, 00 4, 00 4, 00 4, 00	66 66 66 64 66 64	Jan. 1890 July 1890 Jan. 1891 July 1891	a 11 a 11 a 11 a 11 a 11	1 1 1 1	M M M M	4.00 4.00 4.00 4.00	66 66	66 66 66

OVERSEERS, DRESSING DEPARTMENT.

July 1848 5 11½ 1 M 2.50 per day July 1870 c 11½ 1 M 3.50 per day July 1849 5 11½ 1 M 2.50 July 1871 c 11½ 1 M 3.50 July 1871 c 11½ 1 M 3.50 July 1871 c 11½ 1 M 3.50 July 1871 c 11½ 1 M 3.50 July 1871 c 11½ 1 M 3.50 July 1871 c 11½ 1 M 3.50 July 1872 c 11½ 1 M 3.50 July 1872 c 11½ 1 M 3.50

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continues. OVERSEERS, SPINNING DEPARTMENT.

Payroll of—	Honrs per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of v	wages.
July 1848	α 11½	1	М	\$1.75	-	day.	July 1856	b113 b113	1	M M	\$2.00 3.00	per	day.
Jan. 1849	α 11½ α 11½	1	M	2.00 2.50	44	"	Average		2	M	2, 50		"
Average	a 11½	2	М	2. 25	66	44	Jan. 1857	b1112	1	М	2.00	. 66	**
July 1849	$\begin{array}{c} a11\frac{1}{2} \\ a11\frac{1}{2} \end{array}$	1	M M	2.00 2.50	44	44	Average	$b11\frac{1}{2}$	2	<u>м</u> м	3.00 2.50		"
Average	I	2	-Т	2. 25	44	44	July 1857	b11₺	1	M	2, 00	"	"
Jan. 1850	a 11½ a 11½	1	M M	2. 00 2. 50	44	44 -	Average	b11½	1 2	M	2.50	. 66	14
Average				2. 25	,,	4.6	Jan. 1858	b 114	1	M	2.00	"	"
July 1850	a 111	1	M M	2.00	11		Į.	b 11½	1	М	3.00	11	11
Average	a 11½			2. 50	**	**	Average July 1858	b.113	2	M	2.50	"	"
Jan. 1851	a 11½	1	м	2.00	4.6	44	9 tily 1656	b 11½	1	M	2.00 3.00	**	**
	a 11½	1	M	2.50	41	44	Average	$b11\frac{1}{2}$	2	M	2.50	44	44
Average		2	М	2. 25	44	16	Jan. 1859	b11½ b11½	1	M M	2.00 3.00	"	"
July 1851	$\begin{vmatrix} a & 11\frac{1}{2} \\ a & 11\frac{1}{2} \end{vmatrix}$	1	M M	2.00 2.50		**	Average	b113	2	м	2. 50	44	**
\ Average	a 11½	`2	M	2. 25	6.	4.4	July 1859	$b11\frac{1}{2} \\ b11\frac{1}{2}$	1	м	2.00	"	65
Jan. 1852	$a11\frac{1}{2}$ $a11\frac{1}{2}$	1 1	M M	$\frac{2.00}{2.50}$	66	44	Average	b11½	2	M	2.50	64	44
Average	a 11½	2	М	2.25	4.4	**	Jan. 1860	b1113	1	M	2.00		44
July 1852	$a 11\frac{1}{2}$ $a 11\frac{1}{6}$	1 1	M	2.00 2.50	6.6	4.4	Average	$\frac{b11\frac{1}{2}}{b11\frac{1}{2}}$	1	M	2, 50		"
Average	a 11½	2	M	2. 25	14	4.5	July 1860	b1113	1	м	2.00	4	44
Jan. 1853	a 11½ a 11¼	1 1	M M	2.00 2.50	66	41	A.verage	b111	2	M	3.00	15	"
Average		2	M	2. 25	44	/ 11	Jan. 1861	b 111	1	M	2.50	"	
July 1853	a 11½	1	м	2. 00	6.6	41		b.111	1	M	3.00	44	"
A	a11½	1	<u>M</u>	2. 75	44	44	Average	- 1	2	M	2,50	44	11
Average Jan. 1854	a 11½ b 11⅓	2 1	M M	2. 37½ 2. 00		**	July 1861	b 11½ b 11½	1	M M	2.00 3.00	6.5	46
0 all, 1007	b 11½	î	M	3.00	4.6	4.5	Average	b111g	2	M	2, 50	66	64
Average	b 11½	2	M	2.50	**	**	Jan. 1862	b11½ b11½	7 1	M	2.00 3.00	46	66
July 1854	b 11½ b 11½	1	M	$\frac{2.00}{3.00}$	44	**	Average		2	M	2.50	ıı	¥
Average	b 111	2	М	2.50	6.6	**	July 1862	b1112	1	M	2.00	66	44
Jan. 1855	b 11½ b 11½	1 1	M M	$\frac{2.00}{3.00}$	11	44	Average	$\frac{b11\frac{1}{3}}{b11\frac{1}{2}}$	1 2	M	3. 00 2. 50	"	**
Average	b 11½	2	M	2.50	,"	66			-		2.00		
July 1855	b 11½ b 11½	1	M	2.00 3.00	"	66	Jan. 1863	$b11\frac{1}{2}$ $b11\frac{1}{2}$	1	M M	2.00 3.00	66	44
Average	i-	2	M	2.50		44	Average	b 1113	2	М	2, 50	ţí	11
Jan. 1856	b 11½ b 11½	1 1	M M	2.00 3.00	"	41	July 1863	b111	1	M M	2. 00 3. 00	64 66	64 64
Average		2		2.50	6.6	44	Average	<u> </u>	2	м	2. 50	44	66
	а	On Saturd	ay, 9 1	ours (nly	r.			ay, 8½ hour				

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS-Continued.

OVERSEERS, SPINNING DEPARTMENT-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1864	a 11½ a 11½	1	M M	\$2.00 3.00	per	day.	July 1871	$a \frac{11\frac{1}{2}}{a \frac{11\frac{1}{2}}{2}}$	1 1	M M	\$2, 50 3, 50	per	day.
Average	α 11½	2	M	2, 50	66	15	Average	a 11½	2	M	3. 00	44	**
July 1864	$a \frac{11\frac{1}{2}}{a \frac{11\frac{1}{2}}{2}}$	1 1	M M	2.06 3.00	44	44	Jan. 1872	$a \frac{11\frac{1}{2}}{a \frac{11\frac{1}{2}}{2}}$	1	M M	2, 00 3, 50	44	44
A.verage	a 11½	2	М	2, 50	6.6	44	Average	a 111	2	M	3.00	46	44
Jan. 1865	a 11½ a 11½	1 1	M M	2.00 3.00	**	46	July 1872	$a \frac{11\frac{1}{2}}{a \frac{11\frac{1}{2}}{2}}$	1	M M	2. 50 3. 50	"	44
Average	a 11½	2	М	2.50	4.6	44	Average	a 111	2	М	3.00	64	"
July 1865	$a11\frac{1}{2}$ $a11\frac{1}{2}$	1	M M	2. 25 3. 25	16	44	Jan. 1873	$a_{11\frac{1}{2}}$ $a_{11\frac{1}{2}}$	1	M M	2.50 3.50	48	44
Average	α 11½	2	М	2. 75	4.6	"	Average	a 11½	2	М	3.00	66	46
Jan. 1866	$a_{11\frac{1}{2}}$ $a_{11\frac{1}{2}}$	1	M M	2, 50 3, 00	14	14	July 1873	$a \frac{11\frac{1}{2}}{a \frac{11\frac{1}{2}}{2}}$	1	M M	2.50 3.50	6 E	16
Average	a 11½	2	M	2. 75	4.6	14	Average	a 11½	2	M	3.00	4.6	"
July 1866	$a_{11\frac{1}{2}}$ $a_{11\frac{1}{2}}$	1 1	M M	2.50 3.50	44	44	Jan. 1874	$a11\frac{1}{2}$ $a11\frac{1}{2}$	1	M M	2.50 3.50	"	## ##
Average	a 111	2	M	3.00	**	4.6	Average	a 11½	. 2	м	3.00	**	46
Jan. 1867	$a \frac{11\frac{1}{2}}{a \frac{11}{2}}$	1 1	M M	2. 50 3. 50	**	"	July 1874	α11½ α11½	1 1	M M	2, 50 4, 00	**	**
Average	a 11½	2	M	3.00	46	44	Average	a 11½	2	М	3. 25	44	и
July 1867	$a11\frac{1}{2}$ $a11\frac{1}{2}$	1 1	M	2.50 3.50	44	44	Jan. 1875	b 11 b 11	1 1	M M	2. 27 4. 00	44	14
Average	a111	2	М	3, 00	44	te	Average	b 11 ·	2	М	3. 131	**	4.6
Jan. 1868	$a_{11\frac{1}{2}}$ $a_{11\frac{1}{2}}$	1 1	M M	2. 50 3. 50	66	46	July 1875	b 11 b 11	, 1 , 1	M M	2. 27 4. 00	66	44
Average	a 111	2	M	3.00		65	Average	b 11	2	M	3. 13	44	44
July 1868	a 11½ a 11½	1 1	M M	2. 50 3. 50	* *	66	Jan. 1876	b 11 b 11	1 1	M M	2. 27 4. 00	66	44
Average	a 11½	2	М	3.00	41	"	Average	b 11	2	M	3. 13	6.6	6.6
Jan. 1869	a 111 a 111	1 1	M M	2.50 3.50	13	6 t	July 1876	b 11 b 11	1 1	M M	2, 39 4, 00	14	11
Average	a 11½	2	M	3.00	11	14	Average	b 11	2	M	3. 193	11	44
July 1869	$a 11\frac{1}{2}$ $a 11\frac{1}{2}$	1 1.	M M	2, 50 3, 50	11	44	Jan. 1877	b 11 b 11	1	M M	2. 39 4. 00	44	66
Average	a 11½	2	М	3.00	44	4.6	Average	b 11	2	М	3. 19	"	6.0
Jan. 1870	$a 11\frac{1}{2}$ $a 11\frac{1}{2}$	1 1	M M	2.50 3.50	44	46	July 1877	b 11 b 11	. 1	M	2.39 4.00	44	64
Average	a 11½	2	M	3.00	**	6.6	Average	b 11	2	М	3. 19	"	64
July 1870	a 11½ a 11½	1 1	M	2.50 3.50	44	"	Jan. 1878	b 11 b 11	1 1	M M	2.39 4.00	4.6	**
Average	a 11½	2	М	3, 00	44	**	Average	b 11	2	м	3. 19	**	44
Jan. 1871	a 11½ a 11½	1	M M	2. 50 3. 50	66	64	Jan. 1878	b 11 b 11	1 1	M M	2. 39 4. 00	46	ii ii
A verage	a 11½	2	М	3.00	66	**	Average			M	3. 19	"	44
·	_	On Saturd	9T7 8	honrs	anl	7	b (n Sati	nrday, 5 ho	urs of	nly.		

a On Saturday, 81 hours only.

b On Saturday, 5 hours only.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS-Continued.

OVERSEERS, SPINNING DEPARTMENT-Concluded.

Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of '	wages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of	, wages
Jan# 1879	a 11 a 11	1 1	M M	\$2.39 4.00	per	day.	July 1881	a 11 a 11	1 .	M M	\$2.50 4.00	per	day.
Average	a 11	2	M	3. 19½	* *	6.6	Average	a 11	2	M	3. 25	14	**
July 1879	a 11 a 11	1	M M	2.39 4 00	"	11	Jan. 1882 July 1882 Jan. 1883	a 11	2 2	M M	4.00	tt tt	11
Average	a 11	2	M	3, 19½	**	66	July 1883 Jan. 1884	a 11	2 2 2	M M M	4.00 4.00 4.00	66	11
Jan. 1880	a 11 a 11	1 1	M M	2.39 4.00	14	11	July 1884 Jan. 1885	a 11 a 11	2 2 2	M	4.00 4.00	11	46
Average	a 11	2	M	3. 19½	4.6		July 1885 Jan. 1886 July 1886	a 11	2 2 2	M M M	4.00 4.00 4.00	15	6 6 6 6
July 1880	a 11 a 11	1 1	M	2, 39 4, 00	"	44	Jan. 1887 July 1887	a 11	2 2	M	4.00	**	"
Average	a 11	2	М	3. 193	46	"	Jan. 1888 July 1888 Jan. 1889	a 11	2 2 2 2	M M M	4.00 4.00 4.00	44	66 68
Jan. 1881	a 11 a 11	1 1	M M	2.39 4.00	11	"	July 1889 Jan. 1890 July 1890	a 11 a 11	2 2	M M M	4.00 4.00 4.00	**	66 61
Average	a 11	2	М	3, 19½	"	"	Jan. 1891 July 1891	a 11 a 11	2 2	M	4.00 4.00	11	11

OVERSEERS, WEAVING DEPARTMENT.

July 1848 b 11½ 1 M 2.50 per day. July 1870 c 11½ 1 M 4.00 per day. July 1849 b 11½ 1 M 3.00	Jan. 1849 b 11½						
Jan. 1868 c 11 2 1 M 4.00 " " Jan. 1890 a 11 1 M 4.00 " July 1868 c 11 3 1 M 4.00 " " July 1890 a 11 1 M 4.00 "		Jan. 1849 b 1114 July 1849 b 1115 July 1849 b 1115 July 1850 b 114 July 1851 b 1115 July 1851 b 1115 July 1851 b 1115 July 1852 b 1115 July 1852 b 1115 July 1853 b 114 July 1854 c 1115 July 1855 c 115 July 1855 c 115 July 1855 c 115 July 1856 c 1115 July 1856 c 1115 July 1857 c 1115 July 1857 c 1115 July 1858 c 1115 July 1858 c 1115 July 1859 c 1115 July 1859 c 1115 July 1859 c 1115 July 1859 c 1115 July 1859 c 1115 July 1850 c 1115 July 1850 c 1115 July 1850 c 1115 July 1850 c 1115 July 1850 c 1115 July 1850 c 1115 July 1850 c 1115 July 1850 c 1115 July 1860 c 1115 July 1861 c 1115 July 1863 c 1115 July 1863 c 1115 July 1863 c 1115 July 1864 c 1115 July 1865 c 1115 July 1866 c 1115 July 1866 c 1115 July 1866 c 1115 July 1867 c 1115 July 1867 c 1115 July 1867 c 1115 July 1866 c 1115 July 1867 c 1115 July 1867 c 1115 July 1867 c 1115 July 1867 c 1115 July 1867 c 1115 July 1867 c 1115 July 1868 c 1115 July 1867 c 1115 July 1868 c 1115 July 1868 c 1115 July 1866 c 1115 July 1867 c 1115 July 1868 c 115 July 1868 c 11	1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M	2.50	Jan. 1871 c11½ July 1872 c11½ Jun. 1872 c11½ Jun. 1873 c11½ Jun. 1873 c11½ Jun. 1873 c11½ Jun. 1874 c11½ Jun. 1875 a11 Jun. 1876 a11 Jun. 1876 a11 Jun. 1877 a11 Jun. 1877 a11 Jun. 1878 a11 Jun. 1878 a11 Jun. 1879 a11 Jun. 1880 a11 Jun. 1880 a11 Jun. 1881 a11 Jun. 1881 a11 Jun. 1881 a11 Jun. 1881 a11 Jun. 1883 a11 Jun. 1883 a11 Jun. 1884 a11 Jun. 1885 a11 Jun. 1885 a11 Jun. 1886 a11 Jun. 1886 a11 Jun. 1887 a11 Jun. 1888 a11 Jun. 1888 a11 Jun. 1888 a11 Jun. 1888 a11 Jun. 1888 a11 Jun. 1888 a11 Jun. 1888 a11 Jun. 1888 a11 Jun. 1888 a11 Jun. 1888 a11 Jun. 1889 a11	1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M	4.00

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS-Continued. PAINTERS.

Bonnell Hours Different Payroll Hours Different

Payroll of—	per day.	Different employés.		Rate of wages.	Payroll of—	per day.	Different employés.	Sex.	Rate	of wages.	
July 1848 Jau. 1849 July 1849 July 1849 July 1850 Jun. 1851 Jun. 1852 July 1852 July 1852 July 1853 July 1853 July 1853 July 1853 July 1854 July 1856 July 1856 July 1856 July 1857 July 1858 July 1857 July 1858 July 1858 July 1858 July 1858 July 1858 July 1858 July 1858 July 1858 July 1858 July 1858 July 1858 July 1869 July 1869 July 1869 July 1869 July 1869 July 1869 July 1869 July 1869 July 1869 July 1869 July 1869 July 1869 July 1869 July 1869 July 1869 July 1869	alla alla alla alla alla alla alla all	202222222222222222222222222222222222222	M M M M M M M M M M M M M M M M M M M	\$1.50 per day. 1.50 " " 1.50 " " 1.50 " " 1.50 " " 1.50 " " 1.50 " " 1.50 " " 1.50 " " 1.50 " " 1.50 " " 1.75 " "	July 1870 Jan. 1871 July 1871 July 1872 July 1872 July 1873 Jan. 1874 July 1873 July 1873 July 1875 July 1875 July 1876 July 1876 July 1876 July 1877 July 1877 July 1877 July 1878 July 1879 July 1880 Jan. 1881 July 1880 July 1880 July 1883 July 1883 July 1883 July 1884 July 1885 July 1885 July 1885 July 1885 July 1885 July 1886 July 1886 July 1886 July 1886 July 1886 July 1886 July 1887 July 1888 July 1888 July 1888 July 1888 July 1888 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889	b 11 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	212222222343222555555554443555343444423333	M M M M M M M M M M M M M M M M M M M	\$2. 50 2. 50	per day. " " " " " " " " " " " " " " " " " " "	

PICKERS.

		1				12.2.2.7.			
Jan. 1856	a112 a112 a112 a112 a112 a112 a112 a112	122222222222222222222222222222222222222	M M M M M M M M M M M M M M M	1.00 1.17 1.17 1.17 1.17 1.17 1.25 1.25 1.25 1.25 1.25 1.25	per day,	Jan. 1862 b 11½ July 1862 b 11½ July 1862 b 11½ July 1863 b 11½ July 1863 b 11½ July 1864 b 11½ July 1865 b 11½ July 1865 b 11½ July 1866 b 11½ July 1866 b 11½ July 1867 b 11½ July 1867 b 11½ July 1868 b 11	3 3 1 1 1 4 4 1 1 1 4 4 1 1 1 1 1 1 1 1	M 1.00 M 1.00 M 1.00 M 1.12 M 1.12 M 1.25 M 1.50 M 1.65 M 1.65 M 1.65 M 1.57 M 1.57 M 1.57	per day. 11
July 1856 Jan. 1857		3	M	1. 25 1. 25	66 66	Jan. 1870 b 114		M 1.57	44 [4
July 1857	b 111	3	M	1. 25	41 44	July 1870 b 11 3	7 1	M 1.57	11 15
Jan. 1858	b 11 $\frac{1}{2}$	3	M	1.17	66 66	Jan. 1871 b 111		M 1.57	11 11
July 1858 Jan. 1859	b 111	3 3	M	1.17	44 44	July 1871 b 111 Jan. 1872 b 111		1.57	
	b 111	3	\mathbf{M}	1.00	66 46	July 1872 b 111	7 1	M 1.57	11 11
Jan. 1860	b 111	3	M	1.00	66 66	Jan. 1873 b 114		M 1.50 M 1.50	** **
	$b 11\frac{1}{2}$	3	M M	1.00	11 11	July 1873 b 111 Jan. 1874 b 111		1.50	16 61
July 1861	b 11½ b 11¾	3 3	M	1.00 1.00		July 1874 b 111		1.50	

c On Saturday, 5 hours only.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS-Continued.

PICKERS-Concluded.

Payroll of	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.
Jan. 1875 July 1875 Jan. 1876 July 1876 Jan. 1877 July 1877 Jan. 1878 Jan. 1878 July 1878 Jan. 1880 July 1880 July 1880 July 1881 July 1881 July 1882 Jan. 1882 July 1882	a 11 a 11 a 11 a 11 a 11	8 8 8 7 6 5 5 7 5 6 6 6 7 5 6 6 7 7 5 6 6 7 7 5 6 6 7 7 5 6 6 7 7 5 6 6 7 7 5 6 6 7 7 5 7 7 7 7	M M M M M M M M M M M M M M M M M M M	\$1.36 per day. 1.36 """ 1.36 """ 1.40 """ 1.40 """ 1.40 """ 1.40 """ 1.40 """ 1.25 "" 1.25 ""	July 1883 Jan. 1884 July 1884 Jan. 1885 July 1885- July 1886 July 1886 Jan. 1887 July 1888 July 1888 Jan. 1889 Jan. 1889 July 1889 Jan. 1890 July 1890 July 1890	all all all all all all all all all all	656665577887111111	M M M M M M M M M M M M M M M M M M M	\$1, 25 1, 25 1, 25 1, 20 1, 20 1, 20 1, 25 1, 25 1, 25 1, 25 1, 40 1, 40 1, 40 1, 40	per day.

QUILLERS.

July 1848 bilit 20 F .45 per day July 1870 cilit 43 F 1.06 per day July 1849 bilit 52 F .45 " " July 1871 cilit 47 F 1.05 " " July 1870 bilit 47 F 1.05 " " July 1870 bilit 48 F 1.02 " " July 1870 bilit 60 F .45 " " July 1871 cilit 49 F 1.06 " " July 1870 bilit 60 F .43 " " July 1872 cilit 49 F 1.06 " " July 1871 bilit 51 51 51 5 5 5 5 5 5				_,_							,			
July 1849 b11½ 52 F .45	T 1 1040	2 111	01	ra .	12		.	T1-1970	4111	40	10	1.00		3
July 1849 511\$ 52 F .45 "				E 1 * 5			.							uay.
Jan. 1850 b11½ 61 F 45 61 Jan. 1872 c11½ 49 F 1.06 61 62 F 43 64 74 74 74 74 74 75 75 7														
July 1850 b11½ 66 F .43 " " July 1872 c11½ 48 F 1.06 " " July 1851 b11½ 66 F .43 " " July 1873 c11½ 49 F 1.09 " " July 1852 b11½ 32 F .50 " " July 1873 c11½ 49 F 1.09 " " July 1852 b11½ 31 F .50 " " July 1873 c11½ 49 F 1.09 " " July 1853 b11½ 31 F .50 " " July 1875 a11 49 F 1.02½ " " July 1853 b11½ 31 F .50 " " July 1875 a11 49 F 1.04 " " July 1855 c11½ 31 F .50 " " July 1875 a11 49 F 1.04 " " July 1855 c11½ 33 F .47 " " July 1875 a11 49 F 1.06 " " July 1855 c11½ 33 F .47 " " July 1875 a11 63 F 1.04 " " July 1855 c11½ 33 F .47 " " July 1875 a11 60 F 1.00 " " July 1855 c11½ 33 F .47 " " July 1875 a11 60 F 1.00 " " July 1855 c11½ 33 F .54 " " July 1877 a11 60 F .99 p" " July 1856 c11½ 35 F .55 " " July 1877 a11 60 F .99 p" " July 1857 c11½ 35 F .55 " " July 1878 a11 60 F 1.00 " " July 1858 c11½ 35 F .55 " " July 1879 a11 60 F .90 " " July 1858 a11½ 35 F .55 " " July 1879 a11 60 F .90 " " July 1859 c11½ 32 F .55 " " July 1879 a11 60 F .90 " " July 1858 a11½ 35 F .55 " " July 1879 a11 60 F .90 " " July 1859 c11½ 32 F .55 " " July 1879 a11 60 F .90 " " July 1859 c11½ 32 F .55 " " July 1879 a11 60 F .90 " " July 1859 c11½ 32 F .55 " " July 1879 a11 60 F .90 " " July 1850 c11½ 35 F .55 " " July 1880 a11 60 F .90 " " July 1860 c11½ 36 F .57 " " July 1880 a11 65 F .90 " " July 1860 c11½ 36 F .57 " " July 1880 a11 65 F .90 " " July 1860 c11½ 36 F .55 " " July 1880 a11 65 F .90 " " July 1860 c11½ 36 F .57 " " July 1883 a11 65 F .90 " " July 1860 c11½ 37 F .57 " " July 1883 a11 66 F .90 " " July 1860 c11½ 37 F .57 " " July 1884 a11 65 F .90 " " July 1864 c11½ 37 F .57 " " July 1885 a11 66 F .93 " " July 1864 c11½ 37 F .57 " " July 1886 a11 66 F .90 " " July 1866 c11½ 37 F .57 " " July 1888 a11 66 F .90 " " July 1866 c11½ 37 F .57 " " July 1888 a11 66 F .90 " " July 1866 c11½ 37 F .57 " " July 1888 a11 66 F .90 " " July 1866 c11½ 37 F .57 " " July 1888 a11 66 F .90 " " July 1866 c11½ 37 F .57 " " July 1888 a11 66 F .90 " " July 1866 c11½ 29 F .57 " " July 1888 a11 66 F .90 " " July 1866 c11½ 29 F .57 " " July 1888 a11 66 F														
Juny 1850 0112 062 F .43														
Jaly 1851 5012 34 F .50 " July 1873 6112 49 F 1.00 " July 1852 50112 32 F .50 " July 1852 50112 49 F 1.00 " July 1852 50112 49 F 1.00 " July 1853 50112 49 F 1.00 " July 1874 6112 49 F 1.00 " July 1874 6112 49 F 1.022 " " July 1875 6112 49 F 1.022 " " July 1875 6111 49 F 1.022 " " July 1875 611 60 F 1.04 " " July 1875 611 60 F 1.04 " " July 1875 611 63 F 1.04 " July 1875 611 63 F 1.04 " July 1875 611 60 F 1.02 "														
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Jally 1852 5112 32 F .50 " Jally 1874 c112 48 F 1.09 " Jan. 1853 b112 34 F .50 " Jan. 1875 a11 49 F 1.02½ " Jan. 1853 b112 31 F .50 " Jan. 1876 a11 49 F 1.02½ " Jan. 1853 b112 31 F .50 " Jan. 1876 a11 49 F 1.02½ " July 1876 a11 49 F 1.04 " July 1876 a11 49 F 1.06 " July 1876 a11 49 F 1.06 " July 1876 a11 60 F 1.06 " " July 1876 a11 60 F 9.99 " " July 1876 a11 60 F 9.99 " " July 1876 a11 60 F 9.99 " " July 1876														
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July 1854 c112 35 F .47 " July 1876 a11 63 F 1.00 " Jan. 1855 c112 34 F .47 " July 1855 c112 31 F .47 " July 1856 c112 31 F .47 " July 1877 a11 60 F .99 " " July 1856 c112 31 F .47 " July 1877 a11 60 F .99 " " July 1877 a11 60 F .99 " " July 1877 a11 60 F .100 " " July 1878 a11 50 F .06 " July 1878 a11 50 F .06 " July 1878 a11 50 F .06 " July 1878 a11 50 F .06 " July 1878 a11 50 F .06 " July 1878 a11														
Juny 1855 cll														
July 1855 chi2 32 F .47 " July 1876 chi2 31 F .47 " July 1855 chi2 30 F .54 " July 1876 all 56 F 1.00 " July 1876 chi1 30 F .60 " July 1878 all 60 F 1.02 " " July 1857 chi1 35 F .60 " July 1878 all 60 F 1.02 " July 1878 all 60 F 1.02 " July 1878 all 60 F 1.02 " " July 1879 all 60 F 1.02 " " July 1879 all 60 F 1.02 " " July 1880 all 61 9.6 " " July 1880 all 62 F 1.01 " " July 1881 all 65 F 1.07 "														
Jan. 1856 c11½ 30 F .54														
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July 1858 c11½ 35 F .55 4 July 1880 a11 62 F .96 4 July 1859 c11½ 36 F .55 4 July 1880 a11 62 F .96 4 July 1859 c11½ 36 F .57 4 July 1881 a11 65 F .96 4 July 1860 c11½ 36 F .57 4 July 1882 a11 65 F 1.07 4 Jan. 1861 c11½ 36 F .57 4 July 1882 a11 65 F 1.07 4 July 1861 c11½ 36 F .57 4 July 1882 a11 65 F 1.02 4 July 1862 c11½ 34 F .55 4 July 1883 a11 65 F .93 4 July 1863 c11½ 29 F .59														
Jan. 1859 c11½ 36 F .55 " Jan. 1881 a11 65 F .96 " July 1859 c11½ 32 F .55 " July 181 a11 65 F .96 " July 181 a11 65 F .96 " July 181 a11 65 F .96 " July 181 a11 65 F .96 " July 182 a11 65 F 1.07 " July 182 a11 65 F 1.10 " July 182 a11 65 F 1.10 " July 182 a11 65 F 1.10 " July 182 a11 65 F 1.10 " July 182 a11 65 F 1.10 " July 182 a11 65 F .95 " July 182 a11 65 F .95 " July 182 a11 65 F .95 " July 182 a11 65 F .95 " July 182 a11 65 F .95 " July 182 a11 65<														
July 1859 c11½ 32 F .57 July 1881 a11 65 F 1.07 July 1860 c11½ 36 F .57 July 1882 a11 65 F 1.00 July 1860 c11½ 35 F .57 July 1882 a11 65 F 1.10 Jan 1861 c11½ 37 F .57 July 1882 a11 65 F 1.00 Jan 1861 c11½ 36 F .55 July 1883 a11 65 F .95 Jan 1862 c11½ 29 F .55 July 1883 a11 65 F .90 July 1862 c11½ 29 F .59 July 1884 a11 64 F .94½ July 1863 c11½ 29 F							- 1							
Jan. 1860 c11½ 36 F .57 """ July 1882 a11 65 F 1.00 "" July 1860 c11½ 35 F .57 "" July 1882 a11 65 F 1.00 "" Jan. 1861 c11½ 35 F .57 "" July 1882 a11 65 F 1.02 "" July 1861 c11½ 36 F .55 "" July 1883 a11 65 F .95 "" July 1862 c11½ 29 F .59 "" July 1884 a11 65 F .99 "" July 1863 c11½ 29 F .59 "" July 1884 a11 65 F .94½ "" July 1863 c11½ 20 F .57 "" July 1885 a11 63 F .90 "" July 1864 c11½ 29 F <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>														
July 1860 clip 35 F .57 " July 1882 all 63 F 1.02 " July 1860 clip 35 F .57 " July 1882 all 65 F .95 " July 1861 clip 36 F .55 " July 1883 all 65 F .95 " July 1862 clip 29 F .55 " July 1883 all 65 F .95 " July 1862 clip 29 F .59 " July 1884 all 64 F .94½ " July 1863 clip 20 F .59 " July 1885 all 64 F .94½ " July 1863 clip 20 F .57 " July 1886 all 62 F .88 " July 1864 clip 20 F .73														
Jun 1860 c11½ 35 F .57 " Jun 1883 a11 65 F .95 " Jun 1863 a11 65 F .95 " Jun 1863 a11 65 F .93 " " Jun 1863 a11 65 F .93 " " Jun 1863 a11 65 F .90 " " Jun 1863 a11 65 F .90 " " Jun 1863 a11 65 F .90 " " Jun 1863 a11 65 F .90 " " Jun 1865 a11 63 F .94 " " Jun 1865 a11 63 F .94 " " Jun 1865 a11 63 F .95 " Jun 1865 a11 61 F .94 " " Jun 1865 a11 61 F .88 " " Jun 1865 a11 61 F														
July 1861 c11½ 36 F .55 " " July 1883 a11 66 F .93 " " July 1862 c11½ 34 F .55 " " July 1883 a11 66 F .90 " " July 1862 c11½ 29 F .59 " " July 1885 a11 62 F .90 " " July 1863 c11½ 20 F .57 " July 1885 a11 62 F .88 " " July 1863 c11½ 20 F .57 " July 1885 a11 62 F .88 " " July 1864 c11½ 29 F .57 " July 1885 a11 62 F .88 " " July 1864 c11½ 29 F .73 " July 1886 a11 63 F .90 " " July 1864 c11½ 29 F .73 " July 1886 a11 63 F .97 " " July 1865 c11½ 29 F .73 " " July 1886 a11 68 F .97 " " July 1865 c11½ 39 F .74½ " " July 1887 a11 66 F .93 " " July 1865 c11½ 39 F .74½ " " July 1887 a11 73 F .94 " " July 1866 c11½ 45 F .87 " " July 1887 a11 73 F .94 " " July 1866 c11½ 45 F .91 " " July 1886 a11 71 F .94 " " July 1867 c11½ 44 F .94 " " July 1880 a11 72 F 1.05 " " July 1868 c11½ 43 F 1.00 " " July 1889 a11 72 F 1.05 " " July 1868 c11½ 44 F .98 " " July 1890 a11 73 F 1.10 " " July 1869 c11½ 44 F .98 " " July 1890 a11 72 F 1.05 " " July 1869 c11½ 44 F .98 " " July 1890 a11 72 F 1.05 " " July 1869 c11½ 44 F .98 " " July 1890 a11 72 F 1.05 " " July 1869 c11½ 44 F .98 " " July 1890 a11 72 F 1.05 " " July 1869 c11½ 44 F .98 " " July 1890 a11 72 F 1.05 " " July 1869 c11½ 44 F .98 " " July 1890 a11 72 F 1.05 " " July 1869 c11½ 44 F .98 " " July 1890 a11 72 F 1.05 " " July 1869 c11½ 44 F .98 " " July 1890 a11 74 F 1.08 " "							ı	July 1882						
Jan. 1862 c11½ 34														
July 1862 c11½ 29 F .59 " July 1884 a11 64 F .94½ " July 1863 c11½ 29 F .59 " July 1885 a11 63 F .90 " July 1863 c11½ 20 F .57 " July 1885 a11 62 F .88 " July 1864 c11½ 29 F .73 " July 1886 a11 61 F .89 " July 1865 c11½ 29 F .73 " July 1886 a11 66 F .97 " July 1865 c11½ 29 F .73 " July 1886 a11 66 F .97 " " July 1866 c11½ 45 F .87 " July 1887 a11 73 F .94 " July 1866 c11½ 45 F .87 " July 1888 a11 73 F .94 " Jan. 1887 c11½ 44 F .94 " July 1888 a11 73 F .94 " July 1866	July 1861													
Jun 1862 c11½ 23 F .59 " Jun 1863 a11 63 F .99 " July 1863 c11½ 20 F .57 " July 1863 a11 62 F .88 " July 1864 c11½ 25 F .57 " July 1886 a11 61 F .88 " " July 1866 a11 61 F .88 " " July 1866 a11 61 F .88 " " July 1866 a11 63 F .97 " " July 1866 a11 63 F .97 " " July 1866 a11 63 F .97 " " July 1866 a11 63 F .97 " " Jan 1886 a11 63 F .97 " " Jan 1886 a11 73 F .94 " Jan 1889 a11 73 F .94														
July 1863 c11½ 20 F .57 " July 1885 a11 62 F .88 " " July 1865 a11 62 F .88 " " July 1866 a11 61 F .88 " " July 1866 a11 61 F .88 " " July 1866 a11 61 F .89 " " July 1866 a11 63 F .87 " July 1886 a11 63 F .87 " July 1887 a11 66 F .93 " " July 1887 a11 73 F .94 " July 1887 a11 73 F .94 " July 1888 a11 73 F .94 " July 1888 a11 73 F .94 " July 1888 a11 73 F .94 " July 1888 a11 71 F .94 " Jul	July 1862						- 1	July 1884	a 11					
Juny 1865 c112 20 F .57 " Juny 1865 a11 61 F .89 " Juny 1866 a11 61 F .89 " Juny 1866 a11 61 F .89 " Juny 1865 a11 61 F .89 " Juny 1865 a11 61 F .89 " Juny 1865 a11 61 F .89 " Juny 1865 a11 61 F .89 " Juny 1865 a11 a1 a1 a2 F .73 " Juny 1865 a11 a1 a3 F .74½ " Juny 1887 a11 73 F .94 " Juny 1887 a11 73 F .94 " Juny 1888 a11 73 F .94 " Juny 1888 a11 73 F .94 " Juny 1888 a11 71 F .94 " Juny 1888 a11 72 F 1.02 " Juny 1888 a11 75 F 1.02 " Juny 1888 a11 75 F 1.05 " Juny 1888 a11 72 F 1.05 " Juny 1888 a11 73 F 1.05 " Juny 1888 a11 73 F 1.05 " Juny 1888 a11 73 F 1.05								Jan. 1885						
July 1864 c11½ 29 F .73 " July 1886 a11 63 F .97 " July 1886 a11 63 F .97 " July 1886 a11 66 F .93 " " July 1886 a11 67 F .93 " " July 1886 a11 73 F .94 " " July 1887 a11 73 F .94 " " July 1886 a11 73 F .94 " " July 1886 a11 73 F .94 " " July 1886 a11 73 F .94 " " July 1886 a11 75 F 1.02 " " " July 1886 a11 75 F 1.02 " " July 1886 a11 75 F 1.02 " " July 1886 a11 75 F 1.05 " " July 1886 a11 73 F 1.05 " " July 1886 a11 73 F 1.05 " " July 1886 a11 73 F 1.05 " " July 1886 a11 73 F 1.05 " " July 1886 a11 73 F 1.05 " " July 1886 a11 73 F 1.05 " " July 1886 a11 73 F 1.05 " " July 1886 a11 73 F 1.05	July 1863						- 1	July 1885						
Jan. 1865 c11½ 29 F .73 " Jan. 1887 a11 66 F .93 " Jan. 1886 a11 66 F .93 " " Jan. 1866 c11½ 45 F .74½ " " Jan. 1887 a11 73 F .94 " " Jan. 1866 c11½ 45 F .91 " " Jan. 1888 a11 71 F .94 " " Jan. 1887 a11 71 F .94 " " Jan. 1887 a11 71 F .94 " " Jan. 1889 a11 71 F .94 " " Jan. 1889 a11 75 F 1.02 " " Jan. 1889 a11 75 F 1.02 " " Jan. 1889 a11 72 F 1.05 " " Jan. 1899 a11 66 F .93 " " July 1889 a11 72 F 1.05 " " July 1899 a11 72 F 1.05 " " July 1899 a11 73 F 1.10 " " July 1899 a11 73 F 1.10 " " July 1899 a11 73 F 1.10 " " July 1899 a11 73 F 1.10 " " July 1899 a11 74 F 1.05 " " July 1899 a11 74 F 1.05 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>- 1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							- 1							
Jan. 1865 c11½ 29 F .75 .7	July 1864	c111						July 1886						
Jan. 1866 c11½ 45 F .87 .87 .87 .87 .88 .8		C111					- 1	Jan. 1887						
July 1866 c11½ 45 F .91 " July 1886 a11 71 F .94 " Jan. 1867 c11½ 44 F .94 " " July 1888 a11 75 F 1.02 " " July 1867 c11½ 43 F 1.00 " " July 1889 a11 72 F 1.05 " Jan. 1868 c11½ 43 F .95 " " July 1889 a11 72 F 1.05 " July 1869 c11½ 44 F .97 " " July 1890 a11 73 F 1.10 " July 1869 c11½ 44 F .98 " " July 1891 a11 74 F 1.05 "							- i	July 1887						
Jun. 1867 c11½ 44 F .94 " Jun. 1889 a11 71 F .94 " Jun. 1867 c11½ 43 F 1.00 " Jun. 1889 a11 72 F 1.05 " Jan. 1868 c11½ 43 F .95 " " Jun. 1890 a11 72 F 1.05 " July 1868 c11½ 42 F .95 " " Jun. 1890 a11 69 F 1.16 " Jun. 1899 c11½ 44 F .98 " Jun. 1891 a11 72 F 1.05 " July 1869 c11½ 44 F .98 " Jun. 1891 a11 72 F 1.05 "							- 1	Jan. 1888						
Jan. 1867 c11½ 44 F .94 " " Jan. 1889 a11 75 F 1.02 " " July 1867 c11½ 43 F 1.00 " " July 1889 a11 75 F 1.05 " " Jan. 1868 c11½ 43 F .95 " " Jan. 1890 à11 69 F 1.16 " " Jan. 1899 c11½ 44 F .98 " " Jan. 1891 a11 73 F 1.10 " July 1869 c11½ 44 F .98 " " Jan. 1891 a11 74 F 1.05 "	July 1866							July 1888	a 11					
Jan. 1868 c11½ 43 F .95 " Jan. 1890 c11 69 F 1.16 " July 1866 c11½ 42 F .97 " July 1890 c11 73 F 1.16 " " Jan. 1869 c11½ 44 F .98 " " July 1890 c11 73 F 1.10 " " July 1860 c11½ 44 F .98 " " July 1891 c11 74 F 1.05 "		c 111							a 11			1.02		
Jan. 1868 c11½ 43 F .95 " " Jan. 1890 â11 69 F 1.16 " July 1868 c11½ 42 F .97 " " July 1890 a11 73 F 1.10 " Jan. 1899 c11½ 44 F .98 " " Jan. 1891 a11 72 F 1.05 " July 1869 c11½ 44 F .98 " " July 1891 a11 74 F 1.08 "	July 1867							July 1889				1.05		
Jan. 1899 c112 44 F .98 " Jan. 1891 a11 72 F 1.05 " " July 1869 c112 44 F .98 " " July 1891 a11 72 F 1.05 " " July 1869 c112 44 F .98 " " July 1891 a11 74 F 1.08 "		c111							à 11			1. 16		
Jan. 1869 c111 44 F .98 " " Jan. 1891 a 11 72 F 1.05 " " July 1869 c111 44 F .98 " " July 1891 a 11 74 F 1.08 "	July 1868	c111					- 1	July 1890	a 11	73	F	1.10		
July 1869 c11 $\frac{7}{2}$ 44 F .98 " " July 1891 a11 74 F 1.08 " "									a 11	72				
	July 1869	c113							a 11	74	F	1.08	**	4.6
	Jan. 1870	c 11 1	43	ዮ 1.0)5	44 44								
		1 1							į	1				

a On Saturday, 5 hours only.
b On Saturday, 9 hours only.
c On Saturday, 8½ hours only,

GINGHAMS: ESTABLISHMENT NO. 43. MASSACHUSETTS—Continued.

REELERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of .	wages.
July 1848	a 111	17	F	\$0.75	per	day.	July 1870	b 111	34	F	\$1.17	per	day.
Jan. 1849	a 11 5	13	F	.70	- 11	11	Jan. 1871		39	F	1.37	1.1	
July 1849	a 11%	24	T	. 65			July 1871		35	F	1. 29	44	+4
Jan. 1850	a 115	28	E.	. 65	4.6		Jan. 1872		35	F	1.37	4.4	6.6
July 1850	a 111	37	F	. 63	4.4	6.6	July 1872		35	F	1.38	4.4	6.6
Jan. 1851	a 11	27	F	. 62	5.4	1.5	Jan. 1873		35	K	1.42	6.6	4.6
July 1851	a 113	29	F	. 61	4.6	64	July 1873		35	Ē	1.42	4.6	"
Jan. 1852	a 11 5	. 24	F	. 61	4.6	4.4	Jan. 1874		36	F	1. 284	4.4	61
July 1852	a 111	26	F	. 61	1.1	4.4	July 1874		37	F	1. 26	4.4	4.2
Jan. 1853	a 11½	21	F	. 61	44	4.4	Jan. 1875		34	F	1.13	6.6	6.6
July 1853	a 11 5	27	F	. 61	6.6	11	July 1875		36	F	1.11	4.6	6.0
Jan. 1854	b 111	22	F	. 61	6.6	4.6	Jan. 1876		36	F	1. 13	5.5	1.4
July 1854	b111	26	F	.61		4.6	July 1876		37	F	1.07	44	1.1
Jan. 1855	6111	33	F	. 61	4.4	4.6	Jan. 1877		47	F	1.02	4.4	1.4
July 1855	b 111	29	F	, 68	6.6	64	July 1877		49	í	1.014	4.6	6.6
Tan. 1856	b 11 %	28	F	. 67	44	46.	Jan. 1878		49	F	1. 05	4.	4.4
July 1856	b 11 Å	36	F	. 66	6.6	4.6	July 1878		49	F	1.01	7.6	6.6
Jan. 1857	b 115	33	F	,66	4.4	44	Jan. 1879		53	F	1.01	6.6	4.6
July 1857	b 111	35	F	. 68	4.1	14	July 1879		53	F	. 95	6.6	4.6
Jan. 1858	b111	29	F	.68	6.6	6.6	Jan. 1880		51	F	. 984		1.6
	b111	35	ŕ	.76	4.6	44	July 1880		50	F	1.00		41
July 1858		37	F	. 76		44	Jan. 1881		51	F	1.02	4.6	16
Jan. 1859	b111	36	F	.76	44	44	July 1881		53	F		44	4.6
July 1859	b 113	34	F	. 66	44	44-	Jan. 1882		66	F	1.01	6.6	16
Jan. 1860	b115	38	F	. 66	8-6	44	July 1882		60	F	. 98	**	4.6
July 1860	b113		F			66					1.00	14	13
Jan. 1861	bill	33 28	F	.79	i	44	Jan. 1883		57	F	1.00	66	4.5
July 1861	b 111		ř			11	July 1883		57	F	1.04	11	44
Jan. 1862	b 113	26		. 79		4.6	Jan. 1884		61	F	1.04	4.6	66
July 1862	b 11½	19	F	. 96		11	July 1884		53	F	1.08	4.6	6.6
Jan. 1863	b 11½	14	F	. 96	65	11.	Jan. 1885		53	F	. 98	- 11	44
July 1863	b1113	14	E	. 87		66	July 1885		50	F	. 991		
Jan. 1864	b 111	21	F	. 87		44	Jan. 1886		55	F	. 941		4.6
July 1864	6111	25	F	. 86		.,	July 1886		53	F	1.01		14
Jan. 1865	b 11½	26	F	. 86	"	**	Jan. 1887		52	F	1. 10	64	44
July 1865	b 113	39	F	. 85	44	61	July 1887		57	F	1, 22	11	
Jan. 1866	b 111	45	F	. 95			Jan. 1888		62	F	1.07	"	4.6
July 1866	b 11½	43	F	. 98	* *	44	July 1888		53	F	1.07		1.5
Jan. 1867	b 111	55	F	. 98	"	11	Jan. 1889		63	F	1.13	1.4	CII.
July 1867	b 111	47	F	1.06	6.6		July 1889		59	F	1.15	8.6	r t
Jan. 1868	b115	44	F	1.06	11	4.4	Jan. 1890		53	\mathbf{F}	1.17	11	4.6
July 1868	b113	44	F	1.05	1.1	64	July 1890		56	F	1.22	4.6	r e
Jan. 1869	b 114	46	F	1.06	t 4	4.4	Jan. 1891		59	F,	1.20	4.6	11
July 1869	b 114	46	F	1. 11	4.6	11	July 1891	c 11	59	F	1.18	6.6	6.6
Jan. 1870	b 113	43	F	1.00	6.5	5.6							

SECOND HANDS.

	1	1 '	1	ł			d		1		I		
J uly 1848	a 11½ a 11½	2 1	M M	1, 25 1, 34	per	day.	Jan. 1851	$a \frac{11\frac{1}{2}}{a \frac{11\frac{1}{2}}{a}}$. 3 I	M M M	1. 25 1. 50 1. 75	per	day,
Average	$a11\frac{1}{2}$	3	M	1.28	44	11	Average	a 111	5		1,50	44	11
Jan. 1849	a 111 a 111 a 111 a 111 a	1 1 2	M M M	1. 20 1. 25 1. 50	6.6 6.6	45 45	July 1851	$a 11\frac{1}{2}$ $a 11\frac{1}{2}$ $a 11\frac{1}{2}$	1 3 . 1	M M M	1, 25 1, 50 1, 75	6	65 61 68
Average	a 11½	4	м	1.361	**	4.6	Average	a 115	5	M	1.50	46	65
July 1849	a 11½	4	M	1.50	**	44	Jan. 1852	$a 11\frac{1}{2}$ $a 11\frac{1}{2}$ $a 11\frac{1}{2}$	1 3 1	M M M	1. 25 1. 50 1. 75	66 66	66 66
Jan1850	$a 11\frac{1}{2}$ $a 11\frac{1}{2}$ $a 11\frac{1}{2}$	1 3 1	M M M	1. 25 1. 50 1. 75	6 6 6 6	11 11	Average July 1852	a 11½ a 11½ a 11½	5 1 3	M M M	1. 50 1. 25 1. 50	64 64	66 65
Average	a 111	5	M	1.50	4.6	**		$a11\frac{7}{9}$	1	M	1.75	1.1	44
July 1850	$a \frac{11\frac{1}{2}}{a \frac{11\frac{1}{2}}{1}}$	1 3 1	M M M	1. 25 1. 50 1. 75	64 64	1.5 5.4 6.6	Average Jan. 1853	a 11½ a 11½ a 11½	5 4 1	M M M	1, 50 1, 50 1, 75	6 6 6 6	11
▲ Average	a 11½	5	M	1.50	44		Average	a 111	5	M	1.55	+6	44

o On Saturday, 9 hours only. b On Saturday, 81 hours only. c On Saturday, 5 hours only. 17509, pt. 2-56

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS-Continued.

SECOND HANDS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rateo	of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages
July 1853	a 11½ a 11½	3 2	M M	\$1.50 I	er day.	Jan. 1861	511½ 511½	4	M M	\$1.50 1.75	per	day.
Average	$a_{11\frac{1}{2}}$	5	M	1. 60	44	Average	b1111	5	M	1.55	4.6	41
Jan. 1854	b 11½ b 11½	4 1	M M	1. 50 1. 75	11 11	July 1861	b 111 b 111	4 1	M	1.50 1.75	44	11
Average	b 11½	5	M	1.55	44 46	Average	b 11½	5	M	1.55	44	44
Jul y 1854	b 11½ b 11½	, 4 1	M M	1. 50 1. 75	,	Jan. 1862	b111 b 111 b	4	M M	1, 50 1, 75		11
Average	b 1113	₂ 5	M	1.55	66 66	Awaraga		5	м	1. 55	**	44
Jan. 1855	$b11\frac{1}{2} \\ b11\frac{1}{2}$	4 1	M M	1.00	66 66 66 66	Average July 1862	,	4	M	1. 50	**	"
Average	b1111/2	5	М	1.55	44 44		b 11½	1	М	1.75	4.5	**
July 1855	$b11\frac{1}{2}$ $b11\frac{1}{2}$	4 1	M M	1.50 1.75	66 65 66 65	Average		5	М	1.55	11	66
A verage	b 11½	5	M	1. 55	66 46	Jan. 1863	b111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	M M	1.50 1.75		"
Jan. 1856	b 11½ b 11½	4	M M	1.50 1.75	66 C6 65 66	Average	b 11½	5	М	1.55	st	46
Average		5	м	1.55	66 66	July 1863	$b11\frac{1}{2} \\ b11\frac{1}{2}$	4	М М	1.50 1.75	44	16
July 1856	b11½ b11½	4	М	1.00	46 44	Average		5	М	1.55	66	11
Average	b 1112	5	M	1.55	11 11	Jan. 1864	b111	2 2 1	M M	1.50 1.60	66 66	44
Jan . 1857	b1113 b113	4	M M	1. 170	46 46	Average	b111/2	5	<u>и</u>	1. 75	41	44
Average	b1111/2	5	м	1.55	44 44	July 1864	b111	1	М	1. 60	6.6	14
Jul y 1857	b 11½ b 11½	4	M M	1.00	61 E6		b11½ b11½ b11½	2 1 1	Д Д	1. 75 1. 87½ 2. 00	66	66 66
Average	b 11½	5	M	1. 55	16 46	Average	b 11½	5	M	1.791	4.6	44
Jan . 1858	b11½ b11½	4 1	M M	1. 00	44 44	Jan. 1865	b 1111 b 1112	1 4	M M	1.60 2.00	66	"
A verage	b 11½	5	M	1.55		Average	b 11½	5	М	1. 92	44	**
July 1858	611½ 611½	4	M M	1.00	86 66 65 65	July 1865	b 11½ b 11½ b 11½	1	M M	1.50 2.00	**	61 61
Average	b 11½	5	M	1.55	46 66			3	M	2. 25	"	
Jan. 1859	b11½ b11½	4	M M	1.00	66 E6 66 68	Average Jan. 1866	b11½	5	М	2, 05	**	
Average		5	м		44 44	3 am, 1000	b 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2	M	2. 25 2. 50	46	46
July 1859	b111	4	M M	1.30	16 ps	A	b111	1	M !	2.75	41	44
Average	b11½	5	M	1.70	11 46	Average July 1866	b1113	5	M M	2. 30 1. 50	44	4.6
Jan. 1860	b 111 b 111	4 1	M	1. 50	61 66 61 66	J 4.1 1000	b111	3 1	M M	2. 50 2. 75	66	66
Average		5		1.70	44 44	Average	$b11\frac{1}{2}$	5	М	2. 35	14	44
July 1860	b111	4	M	1.50	11 18	Jan. 1867	b 111	1 3	M M	1.50 2.50	44 44	65 65
	b1113	5	<u>м</u> <u>м</u>	1.10	61 66	Average	b 111	5	M	2. 75	44	

b On Saturday, 81 hours only.

& On Saturday, 9 hours only.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued.

SECOND HANDS-Continued:

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payrol!	Hours per day.	Different employés.	Sex.	Rate	of w	ages.
July 1867	$a11\frac{1}{2}$ $a11\frac{1}{2}$ $a11\frac{1}{2}$	1 3 1	M M M	\$1.50 2.50 2.75	per	day.	Jan. 1874	a 11½ a 11½ a 11½	1 3 1	M M M	\$2.00 2.50 3.00	per	day.
Average	$a 11\frac{1}{2}$	5	M	2.35	16	**	Average	a 11½	5	M	2. 50	1.6	4.4
Jan. 1868	alli alli alli	1 3 1	M M M	1.50 2.50 3.00	6 6 6 6	44 41	July 1874	$a11\frac{1}{2}$ $a11\frac{1}{2}$ $a11\frac{1}{2}$	1 3 1	M M M	2.00 2.50 3.00	6 E 6 E	"
Average	a 11½	5	M	2.40		4.6	Average	α 11½	5	M	2. 50	46	4.6
July 1868	$a \frac{11\frac{1}{2}}{a \frac{11\frac{1}{2}}{2}}$	1 3 1	M M M	1.50 2.50 3.00	"	4.6 4.6 6.1	Jan. 1875	b 1113 b 113 b 113	1 2 1	M M M	1.82 2.27 2.50	44	6 6 6 8
Average	a 11½	• 5	M	2.40	14	4.6		b1112	ì	M	2. 73	6.6	14
Jan. 1869	alla alla alla	1 3 1	M M M	1.50 2.50 3.00	2.2 2.2 2.2	61 61	Average July 1875	b11k	5 1	M M	2.32 1.82	**	66
Average	<u> </u>	5	M	2.40	41	41		b111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	$\begin{bmatrix} 2 \\ 1 \\ 1 \end{bmatrix}$	M M M	2. 27 2. 50 2. 73	6 6 6 5	6 E
July 1869	$a11\frac{1}{2}$ $a11\frac{1}{2}$	1 3	M M	1.50 2.50	6 6 6 8	**	Average		5	M	2. 32	"	44
Average	$\frac{a11\frac{1}{2}}{a11\frac{1}{4}}$	- 5	M	3.00 2.40		"	Jan. 1876	b 11½ b 11½	1 2	M M	1.82 2.27	11	41
Jan. 1870	a 11½ a 11½	1 3	M M	2.00 2.50	44	66		b 11½ b 11½	1 I	M	2. 50 2. 73	"	64
	a 11½	1	M	3.00		41	Average		5	М	2.32	66	**
Average July 1870	a 111	5 1 3	M M M	2. 50 2. 00 2. 50	44	44	July 1876	b111 b111 b111 b111 b111 b111 b111 b11	$\begin{array}{c} 1\\2\\1\\1\end{array}$	M M M M	1.82 2.39 2.50 3.00	"	6 Å 6 Å
	a 11½	1	M	3,00		44	A verage	b 11½	5	M	2.42		**
Average Jan. 1871	l	5	M M	2. 50	44	44	Jan. 1877	$b11\frac{1}{2}$ $b11\frac{1}{3}$	1 2	M. M	1.82 2.39	"	"
9 au. 1011	$\begin{bmatrix} a & 1 & 1 \\ a & 1 & 1 \\ a & 1 & 1 \end{bmatrix}$	3	M M	2. 50 3. 00	44	6 6 6 6		b1112 b1112	I 1	M M	2, 50 3, 00	44	66
Average	a 11½	5	М	2.50	44	46	Average	b 111	5	M	2.42	13	44
July 1871	$a11\frac{1}{2}$ $a11\frac{1}{2}$ $a11\frac{1}{2}$	1 3 1	M M M	2. 00 2. 50 3. 00	6 6 6 6	11 11	July 1877	b 11½ b 11½ b 11½ b 11½	1 2 1	M M M	1.82 2.39 2.50 3.00	61 61	1 6 1 6 1 6
Average	$a11\frac{1}{2}$	5	M	2. 50	44	**	Average		5		2.42	٠.	66
Jan. 1872	$a11\frac{1}{3}$ $a11\frac{1}{2}$ $a11\frac{1}{2}$	1 3 1	M M M	2. 00 2. 50 3. 00	6 6 6 6	6 E	Jan. 1878	b 11½ b 11½	1 2	M M M	1.50 2.39 2.50	11	1.1 1.1
Average	a 11½	5	M	3.00	44	44		$b11\frac{1}{2}$ $b11\frac{1}{2}$	1	M	3, 00	4.6	1.6
July 1872	a 11½ a 11½	1 3	M M	2.00 2.50	66	11	Average	_	5	M.	2. 351	"	**
Average	$\frac{a11\frac{1}{2}}{a11\frac{1}{2}}$	<u>1</u>	M	3.00 2.50		"	July 1878	b 1 1 ½ b 1 1 ½ b 1 1 ½	1 1 1	M M M	1.30 2.35 2.39	46	65 16 16
Jan. 1873	a 11 ½ a 11 ½	1 3	M M	2.00 2.50	66	44		0111 0111	1	M	2.50 3.00	1.6	**
	a 11½	1	М	3, 00		11	Average	b11½	5	M	2. 31	"	44
Average July 1873	$a11\frac{1}{2}$ $a11\frac{1}{2}$ $a11\frac{1}{2}$ $a11\frac{1}{2}$	5 1 3 1	M M M	2. 50 2. 00 2. 50 3. 00	66 66	44 .	Jan. 1879	b11½ b11½ b11½ b11½	1 2 1 1	M M M M	1. 40 2. 39 2. 50 3. 00	66 66	66 66 66
Ave rage	a 11½	a On Satur	<u>M</u>	2. 50		44	Average bOn	b1113	i 5 lay, 5 hou	M	2. 33	44	**

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS-Continued.

SECOND HANDS-Continued.

							-						
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages,
J uly 1879	a11 a11 a11 a11	1 2 1	M M M M	\$1.40 2.39 2.50 2.80	per	day.	July 1884- cone'd. Average	a11 a11	1 2 5	M M	\$2. 25 2. 75 2. 35	per "	day.
Average		5	м-	2. 291	"	86	Jan. 1885	a11	2	M		"	"
Jan. 1880	a 11	1	м	1.40	44	46	9 211. 1000	a 11 a 11	1 2	M	2. 00 2. 25 2. 75	11	16
V42 : 2000	a11 a11 a11	1 1 1	M M M	2.39 2.50 2.80	66 66	et 46	Average	a 11	5	M	2. 35		"
Average	a 11	- 5	M	2. 29	44	**	July 1885	a 11 a 11	2 1	M	2.00 2.25	42	44
July 1880	a 11	1	M	1.45	44	64		a 11	2	M	2.75	41	66
-	a11 a11	$egin{array}{c} 2 \ 1 \end{array}$	M	2.39 2.75	**	46	Average	a 11	5	M	2.35	66	**
Average	a11	1 5	M	2. 80 2. 35½	66	66	Jan. 1886	a11 a11 a11	$\begin{smallmatrix}2\\1\\2\end{smallmatrix}$	M M M	2.00 2.25 2.75	11	6 6 6 6
Jan. 1881	a11	1	м	1.70	44	8.6	Average	å 11	5	M	2. 35	"	44
	a 11 a 11 a 11	2 1 1	M M M	2. 39 2. 75 2. 80	**	**	July 1886	a11 a11	2 1	M M	2.00 2.25	££	£6 £6
Average	`a11	5	M	2. 401	44	44	A	a 11	2	M	2. 75		44
July 1881	a11 a11 a11 a11	1 2 1 1	M M M M	1.75 2.39 2.75 2.80	4 6 4 6 4 6	66 66 64	Average Jan. 1887	a11 a11 a11 a11	5 2 1 2	M M M	2. 35 2. 00 2. 25 2. 75	66 66	46 46
Average	a 11	5	<u>M</u>	2. 411	44	84	Average	a11	5	м	2. 35	66	**
'. Jan. 1882	a11 a11 a11 a11	1 1 1	M M M	1. 95 2. 17 2. 39	64 64 66	66 66 46	July 1887	a 11 a 11 a 11	2 1 2	M M M	2. 00 2. 25 2. 75	44	"
	a 11	1	M	2.75 2.80	44	46	Average	a11	5	M	2.35	64	**
Average July 1882	a 11	5	м	2. 41	"	"	Jan. 1888	a11 a11	2 1 2	M M M	2.00 2.25 2.75	46	"
· sary 1002	a 11 a 11	1 1	M M	2. 17 2. 39	6 E	66	Average	a 11	5	M	2. 35		44
	a11 a11	1	M M	2. 75 2. 80	66	44	July 1888	a11 a11	2	M M	2. 00 2. 25	16	-t6 \$6
Average	a11	5	M	2.42	ł t	"		a.11	2	M	2. 75	66	**
Jan. 1883	a11	1	M	2.00	11	11 11	Average	a.11	5	M	2. 35	46	44
,	a 11 a 11 a 11	1 1 1	M M M	2. 17 2. 39 2. 75 2. 80	- 44	66 66	Jan. 1889	a 11 a 11 a 11	2 1 2	M M M	2. 00 2. 25 2. 75	6 E	46 46
Average	a 11	5	M	2.42	16		Average	a 11	5	M	2. 35	4	44
July 1883	a 11 a 11 a 11	1 1 1	M M M	2. 00 2. 17 2. 39	4.	44	July 1889	a 11 a 11 a 11	2 1 2	M M M	2.00 2.25 2.75	1.6 6.6	46 66 66
	a 11 a 11	1	M	2. 75 2. 80	61 66	46	Average	a 11	5	M	2. 35	4.6	tt
Average	a 11	/ 5	М	2.42	46	44	Jan. 1890	a 11 a 11 a 11	1 2 2	M M M	2. 00 2. 25 2. 75	44	16 16
Jan. 1884	a 11 a 11	2 1	MM	2.00 2.39	66	"	Average	a11	5	м	2.40	48	44
A =====	a 11	2	M	2.75	**	44	July 1890	a 11 a 11	1 1 2	M M	2.00 2.25	.6	0
Average	a 11	5	M	2. 38	66	44		a.11	2	М	2.75	11	46
July 18847	a 11	2	М	2.00 ¢Q1			five hours o	all nly.	5	M	2.40	41	**
						ν,		4.					

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued.

SECOND HANDS-Concluded.

				*		 			
Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages,
Jan. 1891	a 11 a 11 a 11	1 2 2	M M M	\$2.00 per day. 2.25 '' '' 2.75 '' ''	July 1891	a 11 a 11 a 11	1 2 2	M M M	\$2,00 per day. 2,25 2,75
Average	a 11	5	M	2.40 " "	Average	a 11	5	M	2.40 " "

SMASH MENDERS.

	_	1			
July 1848 b 1113	I M	1.00 per day.	July 1870 c113	4 M	1.50 per day.
Jan. 1849 b 111	2 M	1.100	Jan. 1871 c111	4 <u>M</u>	1.50 11 11
July 1849 1113	2 M	1.125	July 1871 c111	4 M	1,00
Jan. 1850 b 111	2 M	1. 100	Jan. 1872 c111	4 M	1.00
July 1850 b 112	2 M 2 M	1. 121 "	July 1872 c111	4 M	1.50 " "
Jan. 1851 b 113	2 M	1. 121 "	Jan. 1873 c111	4 M	1.50 " "
July 1851 b 111	2 M	1. 12 4 4	July 1873 c111	4 M	1.00
Jan. 1852 b 111	2 M	1. 121 " "	Jan. 1874 c111	4 M	1.50 " "
July 1852 b 114	2 M	1. 121 " "	July 1874 c 111	4 M	1.50 " "
Jan. 1853 b 111	2 M	1, 12	Jan. 1875 α11	4 M	1. 36 " "
July 1853 b 111	2 M	1. 121 "	July 1875 a 11	4 M	1, 36 " "
Jan. 1854 cll	2 M	1. 122 " "	Jan. 1876 a 11	4 M	1.40
July 1854 c 111	2 M	1. 25	July 1876 a 11	4 M	1. 40 " "
Jan. 1855 c113	2 M 2 M	1. 25 " "	Jan. 1877 a.11	4 M	1.40 " "
July 1855 c111	2 M	1.30 "	July 1877 a 11	4 M	1.40 " "
Jan. 1856 c113	3 M	1.30 " "	Jan. 1878 α11	4 M	1.40 " "
July 1856 c113	3 M	1. 30 " "	July 1878 a 11	4 M	1, 40 " "
Jan. 1857 c111	3 M	1. 30 " "	Jan. 1879 a 11	4 M	1.50 " "
July 1857 cl13	3 M	1.30 " "	July 1879 a 11	4 M	1.35 " "
Jan. 1858 c111	3 M	1.30 " "	Jan. 1880 a11	4 M	1. 35 " "
July 1858 c114	3 M	1.30 " "	July 1880 a 11	4 M	1.45 " "
Jan. 1859 c113	3 M	1. 30 " "	Jan. 1881 a 11	4 M	1. 45 " "
July 1859 c113	3 M	1.30 . " "	July 1881 a 11	4 M	1.45 " "
Jan. 1860 c113	3 M	1.30 " "	Jan. 1882 a 11	4 M	1.45 " "
July 1860 c114	3 M	1.30 " "	July 1882 a 11	4 M	1.45 " "
Jan. 1861 cll3	3 M	1.30 " "	Jan. 1883 a.11	4 M	1.50 " "
July 1861 c111	3 M	1.30 " **	July 1883 a 11	4 M	1.50 " "
Jan. 1862 c111	3 M	1.124 " "	Jan. 1884 a 11	4 M	1.45 " "
July 1862 c 11 d	3 M	1. 121 " "	July 1884 a11	4 M	1. 45 " "
Jan. 1863 c113	3 M	1.12% " "	Jan. 1885 all	4 M	1.47 " "
July 1863 c111	3 M	1. 125 " "	July 1885 a11	4 M	1.47 " "
Jan. 1864 c113	3 M	1.125 " "	Jan. 1886 a11	4 M	1.47 16 16
July 1864 c11	3 M	1.175 ** **	July 1886 a11	4 M	1.50 11 14
Jan. 1865 c111	4 M	1. 25 " "	Jan. 1887 a 11	4 M	1.55 " "
July 1865 c111	4 M	1.374 ** **	July 1887 a 11	4 M	1.55 " "
Jan. 1866 clis	3 M	1.50 ** **	Jan. 1888 a 11	5 M	1.55 " "
July 1866 c 111	3 M	1.50 " "	July 1888 α11	5 M	1.55 " "
Jan. 1867 c111	3 M	1.50 " "	Jan. 1889 a 11	5 M	1.55 ** **
July 1867 c113	3 M	1.50 " "	July 1889 a 11	5 M	1.55 " ".
Jan. 1868 c112	3 M	1.50 " "	Jan. 1890 a 11	5 M	1.55 " "
July 1868 c111	3 M	1.50 " "	July 1890 a 11	5 M	1.55 " "
Jan. 1869 c114	3 M	1.50 " "	Jan. 1891 a 11	5 M	1.50 " "
July 1869 c114	4 M	1.50 " "	July 1891 a 11	5 M	1.50 " "
Jan. 1870 c11	4 M	1.50 " "			
0 mm. 2010 0 x13		1			
	1		1		

SPEEDERS.

				_			. 1		
Jan. 1849	b 111	4	F	57 per day.	July 1856	c111	12	\mathbf{F}	. 55 per day.
July 1849	b111	11	\mathbf{F}	. 60 ''' ''	Jan. 1857	e113	11	\mathbf{F}	. 55 11 11
Jan. 1850	b111	12	F	.60 " "	July 1857	c115	12	F	.57 " "
July 1850	b111	11	F	.60 " "	Jan. 1858	c11%	12	E,	. 57 " "
Jan. 1851	b11#	14	F	.55 " "	July 1858	c115	12	F	. 57 '' ''
July 1851	b111	l	F	. 55 " "	Jan. 1859	c 11 5	10	F	.57 " "
Jan. 1852	b111	9	F	.55 " "	July 1859	¢115	12	F	.57 " "
July 1852	6114	11	F	. 55 '' ''	Jan. 1860	clla	12	Ē'	. 60 '' ''
Jan. 1853	b111	îi	F	. 55 ** **	July 1860	c113	12	F	. 60 ** **
July 1853	b111	12	F	. 55 " "	Jan. 1861	c111	10	F	.60 " "
Jan. 1854		14	F	.55 " "	July 1861	0113	13	Î	.60 " "
7-1- 1054	c 113	14			T 1000		12	F	.60 '' ''
July 1854	c 111	14	F	. 02	Jan. 1862	$c11\frac{1}{2}$		F	
Jan. 1855	c113	14	F	.04	July 1862	c113	12		.00
July 1855	c114	14	F	.55 '' ''	Jan. 1863	c111	6	F	.00
Jan. 1856	c111	14	F	.54 " "	July 1863	c113	6	F	(. 60 '' ''

a On Saturday, 5 hours only. b On Saturday, 9 hours only. c On Saturday, 81 hours only.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued.

				SPEEDERS-	Conclude	d.			
Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1864 Jan. 1865 July 1865 July 1865 Jan. 1866 July 1865 Jan. 1869 Jan. 1869 Jan. 1868 July 1868 July 1868 July 1869 Jan. 1870 July 1871 July 1871 July 1872 Jan. 1873 July 1874 July 1874 July 1874 July 1875 July 1875 July 1875 July 1876 July 1877 July 1876 July 1877 July 1877 July 1876 July 1876 July 1876 July 1876 July 1876 July 1876 July 1876 July 1876 July 1876 July 1876 July 1876 July 1876 July 1877 July 1877	a 11½ a 11½	12 11 11 13 17 17 20 19 17 21 24 26 22 22 24 23 21 23 23 23 23 23 23 23 23 23 23 23 24 24 24 22 23 23 24 24 24 25 26 27 28 28 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	444444444444444444444444444444444444444	\$0.65 per day70 "" .80 "" .80 "" .95 "" .100 "" 1.00 "" 1.00 "" 1.00 "" 1.00 "" 1.00 "" 1.00 "" 1.00 "" 1.1	Jan. 1878 July 1878 July 1879 July 1879 July 1880 July 1880 July 1881 July 1881 July 1882 July 1882 July 1883 July 1883 July 1884 July 1885 July 1885 July 1885 July 1886 July 1887 July 1887 July 1887 July 18889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889 July 1889	b11 b11 b11 b11 b11 b11 b11 b11 b11 b11	25 28 31 9 7 7 7 20 22 25 24 27 28 27 28 27 28 34 35 32 34 35 32 43 34 34	**************************************	\$0.95 per day,95
	1	<u> </u>	!	SPINNER	s, FRAME.		!	·	
July 1848 Jan. 1849 July 1849 July 1849 July 1850 July 1850 July 1850 July 1852 July 1852 July 1853 July 1853 July 1853 July 1853 July 1853 July 1854 July 1855 July 1856 July 1856 July 1856 July 1856 July 1856 July 1856 July 1856 July 1856 July 1856 July 1856 July 1856 July 1856 July 1856 July 1856 July 1856 July 1869 July 1862 July 1862 July 1862 July 1862 July 1862 July 1863 July 1863 July 1863 July 1863 July 1864 July 1864 July 1864 July 1867 July 1865 July 1	C114-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	16 15 18 18 17 21 10 12 16 16 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17		63 per day50 " " .70 " " .71 " " .67 " " .67 " " .51 " " .53 " " .54 " " .55 " " .56 " " .56 " " .56 " " .56 " " .56 " " .56 " " .56 " " .56 " " .57 " " .58 " " .59 " " .50 " " .50 " " .50 " " .50 " " .50 " " .50 " " .50 " " .5	July 1870 Jan. 1871 July 1871 July 1871 July 1872 July 1873 July 1873 July 1875 July 1875 July 1875 July 1875 July 1876 July 1876 July 1876 July 1876 July 1877 July 1877 July 1878 July 1878 July 1878 July 1878 July 1889 July 1881 July 1881 July 1883 July 1883 July 1883 July 1884 Jan. 1886 July 1885 Jan. 1886 July 1885		23 21 19 22 23 23 22 22 22 22 22 22 22 22 22 22	**************************************	1. 00 per day. 1. 25 " " 1. 27 " " 1. 28 " " 1. 29 " " 1. 20 " 1. 20 " " 1. 20 " " 1. 20 " " 1. 20 " " 1. 20 " " 1. 20 " " 1. 20 " 1.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS-Continued.

SP	INN	ERS.	MULE	

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rat	e of v	vages.
Jan. 1871 July 1871 July 1872 July 1872 July 1872 Jan. 1873 July 1873 July 1874 July 1875 July 1876 July 1876 July 1876 July 1876 July 1876 July 1876 July 1876	a 11 2 a 11 2 a 11 2 a 11 2 a 11 2 a 11 2 a 11 2 a 11 2 b 11 b 1	12 12 12 12 12 12 12 12 12 12 12 12 12 1	M M M M M M M M M M M M M	\$2, 25 2, 25 2, 25 2, 25 2, 25 2, 25 2, 25 2, 25 2, 25 2, 05 2, 05 1, 95 1, 90	per	day.	July 1881 Jan. 1882 July 1882 Jan. 1885 July 1883 Jan. 1884 July 1884 Jan. 1886 July 1885 July 1886 July 1886 July 1887 July 1887 July 1887 July 1887	b 11 b.11 b.11 b.11	12 12 12 12 12 12 12 12 12 12 12 12 12 1	M M M M M M M M M M M	\$1. 75 1. 75 1. 75 1. 75 1. 75 1. 70 1. 70 1. 60 1. 60 1. 60 1. 70 1. 70	per	day.
July 1878 July 1878 Jan. 1879 July 1879 Jan. 1880 July 1880 Jan. 1881	b 11 b 11 b 11 b 11 b 11 b 11 b 11	12 12 12 12 12 12 13 12	M M M M M M	1. 90 1. 90 1. 90 1. 75 1. 75 1. 75 1. 75	44	66 66 66 66 66 66	July 1888 Jan. 1889 July 1889 Jan. 1890 July 1890 Jan. 1891 July 1891	b 11 b 11 b 11 b 11 b 11 b 11 b 11	12 12 12 12 12 12 12 12	M M M M M M	1. 70 1. 70 1. 70 1. 70 1. 70 1. 70 1. 70 1. 70	16 46 46 46 46 46 46 46	45 44 45 44 45

WARPERS.

July 1848 c112 Jan. 1849 c113	9 F	.85 *** **	July 1870 a 111 Jan. 1871 a 111	35 F 36 F	1.28 per day. 1.46 """
July 1849 c11			July 1871 a 11\frac{1}{2}	36 F	1.54 4. 4
Jan. 1850 c 11		. 200	Jan. 1872 d 115 July 1872 a 115	36 F 37 F	1.56½ '' '' 1.44 '' ''
July 1850 c 112 Jan. 1851 c 112		. 90	July 1872 a 111 Jan. 1873 a 111	36 F	1.55 " "
Jan. 1851 c11 July 1851 c11			July 1873 a 113	32 F	1, 57 " "
Jan. 1852 c11			Jan. 1874 a 113	20 F	1. 59 " "
July 1852 c11			July 1874 a 111	20 F	1. 59 " "
Jan. 1853 c11		.75 " "	Jan. 1875 b 11	16 F	1.58 " "
July 1853 c 11	24 F		July 1875 b 11	17 F	1.64 "
Jan. 1854 a 11			Jan. 1876 b 11	18 F	1.73 " "
July 1854 a 11			July 1876 b 11	22 F	1. 11
Jan. 1855 α 11			Jan. 1877 b 11	24 F 26 F	1. 192
July 1855 a 11		, 01	July 1877 b 11	26 F 25 F	1. 25 " " 1. 20 " "
Jan. 1856 a 11		. 00	Jan. 1878 b 11 July 1878 b 11	26 F	1. 13 " "
July 1856 a 11; Jan. 1857 a 11;			Jan. 1879 5 11	25 F	1. 12 " "
July 1857 -a 11			July 1879 b 11	26 F	1.101 16 16
Jan. 1858 a 11			Jan. 1880 b 11	26 F	1. 15 " "
July 1858 a 11			July 1880 b 11	27 F	1.14 " "
Jan. 1859 a 11:	32 I		Jan. 1881 b 11	32 F	1.061
July 1859 a 11	26 F		July 1881 b 11	30 F	1.09
Jan. 1860 a 11			Jan. 1882 b 11	38 F	1.01
July 1860 a 11			July 1882 b 11	32 F 35 F	1. 12 " " " 1. 1. 20 " " "
Jan. 1861 a 11		, 10	Jan. 1883 b 11 July 1883 b 11	34 F	1. 08 " "
July 1861 a 11		, 80	Jan. 1884 b 11	. 35 F	1.02 " "
Jan. 1862 a 11 July 1862 a 11		. 01	July 1884 b 11	34 F	1.05 " "
Jan. 1863 a 11			Jan. 1885 b 11	35 F	.96 " "
July 1863 a 11			July 1885 611	41 F	. 97 11 11
Jan. 1864 a 11			Jan. 1886 b 11	37 F	. 85 ** **
July 1864 a 11		74 " "	July 1886 b 11	37 F	1.00 "
Jan. 1865 a 11	20 I		Jan. 1887 b 11	36 F	1. 03
July 1865 a 11			July 1887 b 11	36 F	. 90
Jan. 1866 α 11			Jan. 1888 b 11	39 F	. 93
July 1866 a 11			July 1888 6 11	36 F 36 F	. 70
Jan. 1867 a 11		1.00	Jan. 1889 b 11 July 1889 b 11	35 F	1. 00 " "
July 1867 a 11 Jan. 1868 a 11		1.40	July 1889 b 11 Jan. 1890 b 11	31 F	1. 30
Jan. 1868 a 11 July 1868 a 11			July 1890 b 11	36 F	1.40 " "
Jan. 1869 a.11		1.00	Jan. 1891 b 11	36 F	. 1. 29 " "
July 1869 a 11	2		July 1891 5 11	35 F	1.37 " "
Jan. 1870 a 11			1		
-1	•			}	l

a On Saturday, 8½ hours only. b On Saturday, 5 hours only. c On Saturday, 9 hours only.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued, WATCHMEN.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.
July 1848 Jan. 1849 July 1850 July 1850 July 1851 July 1852 Jan. 1853 July 1852 July 1852 July 1852 July 1852 July 1855 July 1855 July 1855 July 1855 July 1856 July 1856 July 1857 Jan. 1856 July 1857 Jan. 1858 Jan. 1859 July 1	per day. 12 12 12 12 12 12 12 12 12 12 12 12 12 1	Dinerene	M M M M M M M M M M M M M M M M M M M	\$1.06 per day. 1.06 " " 1.06 " " 1.06 " " 1.16½ " "	July 1870 July 1870 July 1871 July 1871 July 1871 July 1872 July 1872 July 1873 July 1873 July 1875 July 1875 July 1876 July 1876 July 1877 July 1877 July 1879 July 1879 July 1879 July 1879 July 1889 July 1880 July 1882 July 1882 July 1882 July 1883 July 1884 July 1884 July 1884 July 1884 July 1884 July 1885 July 1886 July 1887 July 1887 July 1887	day. 12 12 12 13 13 13 12 12 12 12 12 12 12 12 12 12 12 12 12	employés. 5554444455666655555555555555555555555	M MM MM MM MM MM MM MM MM MM MM MM MM M	\$1. 63 1. 63 1. 63 1. 70 1. 70 1. 70 1. 70 1. 70 1. 70 1. 70 1. 70 1. 70 1. 70 1. 70 1. 70 1. 70 1. 70 1. 70 1. 60	of wages.
July 1866 Jan. 1867 July 1867 Jan. 1868 July 1868 Jan. 1869 July 1869 Jan. 1870	12 12 12 12 12 12 12 12 12 12	3 3 3 4 4 4 6	M M M M M M M	1. 50 " " 1. 50 " " 1. 63 " " 1. 63 " " 1. 63 " " 1. 63 " " 1. 63 " " 1. 63 " " 1. 63 " " 1. 63 " "	July 1888 Jan. 1889 July 1889 Jan. 1890 July 1890 Jan. 1891 July 1891	12 12 12 12 12 12 12 12	5 6 6 6 6	M M M M M M	1. 60 1. 60 1. 60 1. 60 1. 60 1. 60 1. 60	16 51 46 51 46 41 46 44 48 84
	<u> </u>	1	<u></u>	THE PARTY AND ADDRESS OF THE PARTY AND ADDRESS	VEDS	<u></u>	,	-		

WEAVERS.

	1						1	Ī	1	1			
` Jan. 1849	$a11\frac{1}{9}$ $a11\frac{1}{2}$	6 83	M F	. 88 . 90	per	day.	July 1851	$a \frac{11\frac{1}{2}}{a \frac{11\frac{1}{2}}{2}}$	166	F M	, 90 1, 14	per	day.
Average	a 11½	89		. 90	4.6	4.4	Average	a 11½	174		. 91	**	14
J uly 1849	$a \frac{11}{2}$ $a \frac{11}{2}$	143 12	F M	. 74 . 89½	66	11	Jan. 1852	a 11½ a 11½	232 8	F M	. 64 . 84		"
· Average	a 11½	155	2.	. 75	4.6	4.6	Average	a 11½	240		. 641	**	44
Jan. 1850	$a 11\frac{1}{2}$ $a 11\frac{1}{2}$	199 11	F M	. 88 1. 05	4.6		July 1852	a 11½ a 11½	200 18	F M	. 73 . 94	44	**
Average	a 11½	210		. 89	44	4.4	Average	$a 11\frac{1}{2}$	218		. 75	4.6	68
J uly 1850	$a \frac{11\frac{1}{2}}{a \frac{11\frac{1}{2}}{2}}$	177 7	F M	. 84 1. 27	46	"	Jan. 1853	$\begin{array}{c} a \ 11\frac{1}{2} \\ a \ 11\frac{1}{2} \end{array}$	240 17	F M	. 63 . 83		44
Average	a 11½	184		. 854	44	44	Average	$a_111\frac{1}{2}$	257		. 641	44	"
Jan. 1851	α 11½ α 11½	221 6	F M	. 66 . 93	66	**	July 1853	a 11½ a 11½	165 18	F M	. 77 . 94	44	**
Average	a 11½	227		. 661	44	41	Average	a 11½	183		. 781	44	"

a On Saturday, 9 hours only.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS-Continued.

WEAVERS-Continued.

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Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.	Payroll of—	Hours per day.	Different employés.	Sex	Rate	of w	ages.
Jan. 1854	a 11½ a 11½	- 196 23	F M	\$0.60 .81	per day.	July 1861	a 11½ a 11½	97 100	F M	\$0, 80 . 97	per	day.
Average	a 11½	219	· · · · ·	, 62	46 44	Average	a 111	197		. 88 <u>1</u>	6.6	44
July 1854	$a_{11\frac{1}{2}}$ $a_{11\frac{1}{2}}$	245 24	F M	. 65 . 92	11 11	Jan. 1862	α11½ α11½	120 82	F M	. 73 . 90	"	66
Average	a 11½	269	• • •	. 67½	11 11	Average	$a 11\frac{1}{2}$	202		. 80	44	14
Jan. 1855	α 11½ α 11½	200 30	F M	. 67½ . 89	11 44	July 1862	a 113 a 113	89 65	F M	. 82 . 97	44	6.6
Average	a 11½	230		. 701	46 66	Average	a 11½	154		. 883	4.6	44
July 1855	$a \frac{11\frac{1}{2}}{a \frac{11\frac{1}{2}}{2}}$	184 56	F M	. 68¼ . 95	16 66	Jan. 1863	a 11½ a 11½	88 23	F M	. 77	66	41
Average	a 111	240		.741	11 41	Average	$a 11\frac{1}{2}$	111		. 791	**	**
Jan. 1856	a 11½ a 11½	164 65	F M	. 70 . 95	11 11	July 1863	$\begin{array}{c} a \ 11\frac{1}{2} \\ a \ 11\frac{1}{2} \end{array}$	90 11	F M	.76	66	44
Average	a 11½	229		. 77	** **	Average	$a11\frac{1}{2}$	101		. 781	4.4	**
Jul y 1856	$a \frac{11\frac{1}{3}}{a \frac{11\frac{1}{2}}{2}}$	149 74	F M	. 76 1. 06	11 41	Jan. 1864	a 11½ a 11½	115 35	F M	. 73	66	64
Average	a 11½	223		. 86		Average	$a11\frac{1}{2}$	150	· · · • ·	. 77½	44	44
Jan. 1857	a 11½ a 11½	144 73	F M	. 73 . 96	14 44	July 1864	a 11½ a 11½	160 40	F M	. 78½ . 98	61	16
Average	a 11½	217		. 801	16 65	Average	$a 11\frac{1}{2}$	200		. 82	4.4	44
July 1857	$a \frac{11_{\frac{1}{2}}}{a \frac{11_{\frac{1}{2}}}{2}}$	150 80	F M	. 80 1. 19	16 64	Jan. 1865	a 11 $\frac{1}{2}$ a 11 $\frac{1}{2}$	140 40	F M	. 96½ 1. 20	44	et ti
Average	a 111	230		. 933	44 44	Average	a 11½	180		1.011	6.6	**
Jan. 1858	$a 11\frac{1}{2}$ $a 11\frac{1}{2}$	110 69	F M	. 78 1. 01	64 66 66 66	July 1865	a 11½ a 11½	188 34	F M	1.09 1.26	64	"
Average	a 111	179		. 87	44 44	Average	a 11½	222		1.111	4.6	64
July 1858	a 111 a 111	114 90	F M	. 73 . 96	65 64 765 64	Jan. 1866	α 11½ α 11½	196 85	F M	1. 19 1. 55	**	6 6 6 6
Average	a 11½	204		. 83	11 11	Average	α11½	281		1.30	4.5	44
Jan. 1859	$a \frac{11\frac{1}{2}}{a \frac{11\frac{1}{2}}{2}}$	118 90	F M	.71	14 44	July 1866	$a11\frac{1}{2}$ $a11\frac{1}{2}$	172 98	F M	1. 28 1. 72		44
Average	a 111	208		. 803	44 44	Average	a 11½	270		1.44	4.6	41
J uly 1859	a 11½ a 11½	111 72	F	. 75 1. 00	11 11	Jan, 1867	ali ali	171 106	F M	1.35 1.65	6.6	6.6
Average	a 11½	183		. 85	er der	Average	a 11½	277		1.461	1.1	44
Jan. 1860	$a_{11\frac{1}{2}} \\ a_{11\frac{1}{2}}$	115 85	F M	.72	\$\$ \$\$	July 1867	$a \frac{11\frac{1}{2}}{a \frac{11\frac{1}{2}}{2}}$	136 126	F M	1.31 1.54		44
. Average		200		. 81		Average	a 11½	262		1.42	6.6	4.4
July 1860	a 11½ a 11½	103 93	F	.70	11 11	Jan. 1868	a 11½ a 11½	137 139	F	1. 27 1. 53	44	41 16
Average	ļ	196		. 80		Average	a 11½	276		1.40	**	**
Jan. 1861	a111	98 108	F M	.71 .93	11 11	July 1868	a 11½ a 11½	161 124	F M	1. 24 1. 63	"	44
Average		206		. 82	16 (1	Average	a 11½	285		1.41	44	4.6

a On Saturday, 84 hours only.

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS—Continued.

WEAVERS-Continued.

					VV A2	A 7 12 11)	- Contantie						
Payroll of	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of w	ages
Jan. 1869	$a \frac{11\frac{1}{2}}{a \frac{11\frac{1}{2}}{2}}$	152 121	F M	\$1, 26 1, 62	per	day.	July 1876	b 11 b 11	186 264	F M	\$1. 21 1. 44	per	day.
Aver age	a 11½	273		1.42	6.6	**	Average	b 11	450		1. 341		16
July 1869	$a 11\frac{1}{2}$ $a 11\frac{1}{2}$	159 124	F M	1. 28 1. 63	4.6	61 66	Jan. 1877	b 11 b 11	183 255	F M	1. 12 1. 36	"	64 64
Average	a 11½	283		1. 43½	6.6	4.6	A.verage	b 11	438		1. 26	11	"
Jan. 1870	$a 11\frac{1}{2}$ $a 11\frac{1}{2}$	138 136	F M	1. 29 1. 58	**	66	July 1877	b 11 b 11	184 260	F M	1. 17 1. 37	11	44
Average	$a11\frac{1}{2}$	274		1. 431	4.6	**	Average	b11	444		1. 281	43	44
July 1870	$a \frac{11\frac{1}{2}}{a \frac{11\frac{1}{2}}{2}}$	142 129	F M	1. 29 1. 73	6.6	**	Jan. 1878	b 11 b 11	172 272	F M	1. 21 1. 42	44	66
Average	a 111	271		1.50	**	64	Average	b 11	444		1. 34	64	41
Jan. 1871	a 11½ a 11½	148 154	F M	1. 37½ 1. 78	66	**	July 1878	b 11 b 11	178 295	F M	1. 20 1. 38	66	41 44
Average	a 11½	302		1.58		**	Average	b 11	473		1. 31	66	"
July 1871	$a_{11\frac{1}{2}}$ $a_{11\frac{1}{2}}$	158 138	F M	1.41 1.34	6.6	44	Jan. 1879	b 11 b 11	175 298	F M	1. 19 1. 34	"	44
Average	a 111	296		1, 61		64	Average	b 11	473		1. 28½	*1	44
Jan. 1872	$a_{11\frac{1}{2}}$ $a_{11\frac{1}{2}}$	151 142	F M	1.56 1.91	44	44	July 1879	b 11 b 11	180 291	F M	1. 15 1. 32	44	66
Average	a 11½	293		1. 73	4.6	44	Average	b 11	471		1. 25½	44	64
July 1872	$a_{11\frac{1}{2}} \\ a_{11\frac{1}{2}}$	152 149	F M	1.53 1.84	**	6 E 6 E	Jan. 1880	b 11 b 11	172 303	F M	1. 18 1. 31	"	44
Average	a 11½	301		1. 681	6.6	44	Average	b 11	475		1.261	44	11
Jan. 1873	a 11½ a 11½	150 159	F M	1.49 1.84	44	14	July 1880	b 11 b 11	190 299	F M	1. 17 1. 30	44	"
A.verage	α 11½	309		1. 67	4.4	*4	Average	b 11	489	• • • • •	1. 25	44	**
July 1873	a 11½ a 11½	143 161	F M	1. 60 1. 87	6.6	11	Jan. 1881	b 11 b 11	196 296	F M	1. 15 1. 23	44	65 65
Average		304		1, 741	1.6	4.6	Average	b11	492		1. 20	46	46
Jan. 1874	$a 11\frac{1}{2}$ $a 11\frac{1}{2}$	144 164	F M	1.40 1.70	66	44	July 1881	b 11 b 11	217 320	E M	1. 07 1. 17	44	**
Average	α11½	308		1.56	t r	4.6	Average	b 11	537	-:	L 13	**	"
July 1874	a 11½ a 11½	153	F M	1. 47 1. 76	64	11	Jan. 1882	b 11 b 11	245 351	F M	1. 13 1, 26	68 66	11
Average	-	332		1. $62\frac{1}{2}$	6.6	4.4	Average	b 11	596		$1.20\frac{1}{2}$	**	**
Jan. 1875	b 11 b 11	143 190	H M	1. 30 1. 60	6.6	11	July 1882	b 11 b 11	240 342	F M	1. 24 1. 42	11	44
Average	b 11	333		1.47	4.0	**	Average	b 11	582		1.341	44	44
July 1875	b11 b11	153 177	М	1.32 1.65	4.6	44	Jan. 1883	b 11 b 11	240 320	F M	1. 19 1. 38	11	11
Average	b 11	330		1.491	6.6	46	Average	b 11	560		1, 30	н	"
Jan. 1876	b 11 b 11	148 199	F M	1. 36 1. 65	16	44	July 1883	b 11 b 11	236 324	F M	1. 18 1. 33	44	44
Average	b 11	347		1.521	**	11	Average	b 11	560		1, 26½	**	44

a On Saturd ay, 81 hours only.

b On Saturday, 5 hours only.

GINGHAMS: ESTABLISHMENT No. 43, MASSACHUSETTS-Continued.

WEAVERS-Concluded.

					-								
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.	Payroll of—	Hours per day.	L'ifferent employés.	Sex.	Rate	of v	vages.
Jan. 1884	a 11 a 11	246 316	F M	\$1,09 1.26	per	day.	Jan. 1888	a 11 a 11	357 346	F M	\$1.14 1.34	per	day.
Average	u 11	562		1.181	**	44	Average	a 11	703		1. 24	6.6	**
July 1884	α11 α11	262 297	F M	1.16 1.32	44	"	July 1888	a 11 a 11	375 333	F M	1. 16 1. 44	66	44
Average	a 11	559		1. 241	6.6	"	Average	a 11	708		1. 29	4.6	4.6
Jan. 1885	a 11 a 11	258 303	F M	1.05 1.19	"	2 64	Jan. 1889	a11 a11	39 3 388	F M	1, 16 1, 31	**	44
Average	a 11	561		1. 121	- 64	6.6	Average	a 11	781		1. 231	1.6	11
July 1885	a 11 a 11	281 292	F M	1. 04 1. 20	44	"	July 1889	a 11 a 11	384 384	F M	1. 22 1. 45	"	11 11
Average	a 11	573		1.12	44	41	Average	a 11	768		1, 331	* *	11
Jan. 1886	a 11 a 11 *	291 296	F M	. 99 1. 17	44	11	Jan. 1890	a 11 a 11	359 372	F M	1.17 1.39	"	44
Average	a 11	587		1.08	44	14	Average	a 11	731		1. 28	**	44
July 1886	a 11 a 11	269 302	F M	1. 15 1. 28	**	44	July 1890	a 11 a 11	381 383	F M	1. 24 1. 44	**	44 ,
Average	a 11	571		1, 22	64	4.6	Average	a11	764		1.34	4.6	46
Jan. 1887	a 11 a 11	285 330	F M	1. 14 1. 35	**	44	Jan. 1891	a 11 a 11	38 4 372	F M	1. 21 1. 42	64	44
Average	a 11	615		1, 25½	4.6	44	Average	a 11	756		1.311	* *	14
July 1887	a 11 a 11	333 350	F M	1. 10 1. 38	16	"	July 1891	a 11 a 11	378 371	F M	1. 21 1. 43	46	"
Average	a11	683		1. 243	4.6	44	Average	a 11	749		1.32	1.6	
			·			WIN	DERS.						
July 1848 Jan. 1850 July 1819 Jan. 1850 July 1850 July 1850 July 1850 July 1851 July 1852 Jun 1852 Jun 1852 Jun 1852 Jun 1854 July 1853 Jan. 1854 July 1855 July 1855 July 1855 July 1857 July 1857 July 1857 July 1857 July 1857 July 1859 Jan. 1860 July 1859 Jan. 1860 July 1860 July 1860 July 1860 July 1860 July 1860 July 1860 July 1860 July 1860 July 1860 July 1862	b11½ b11½ b11½ b11½ b11½ b11½ b11½ b11	41 30 87 87 87 85 85 85 85 83 84 71 99 105 90 106 104 103 103 103 103 101 199 70 61 61 61		70 65 64 62 62 62 62 62 62 62 62 62 62 62 62 62	pen	r day. 44 45 46 46 46 46 46 46 46 46	Jan. 1864 July 1864 July 1865 July 1865 July 1865 July 1865 July 1866 July 1866 July 1866 July 1868 July 1868 July 1868 July 1869 July 1869 July 1869 July 1870 July 1871 July 1871 July 1872 July 1872 July 1873 July 1873 July 1874 July 1874 July 1874 July 1874 July 1875 July 1876 July 1876 July 1877 July 1878 July 1878		44 52 49 70 82 85 83 82 87 81 86 84 85 81 86 84 85 81 86 84 85 81 86 84 85 81 86 81 86 81 86 83 84 85 81 86 81 86 81 86 81 86 81 86 88 88 88 88 88 88 88 88 88		. 68 . 79 . 80 . 94 . 98 1. 04 1. 02 1. 06 1. 13 1. 15 1. 27 1. 25 1. 24 1. 28 1. 22 1. 12 1. 15 1. 20 1. 24 1. 28 1. 29 1. 20 20 20 20 20 20 20 20 20 20 20 20 20 2	per (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	day

a On Saturday, 5 hours only. b On Saturday, 9 hours only. c On Saturday, 81 hours only.

GINGHAMS: ESTABLISHMENT No. 43; MASSACHUSETTS-Concluded.

WINDERS ... Concluded.

	Hours per day.	Different employés.	sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rat	e of wages,
Jan. 1880 July 1880 Jan. 1881 July 1881 Jan. 1882 July 1882 Jan. 1883 July 1883 July 1884 July 1884 July 1884 July 1884	a 11 a 11 a 11 a 11 a 11 a 11 a 11 a 11	137 141 147 149 152 163 149 153 149 147 148 148 153	************	\$0.96 per day. 98 """ 98 """ 97 """ 1.04 "" 1.025 """ 1.00 """ 1.00 """ 1.00 """ 97 """ 1.00 """ 98 """ 93 """ 93 """	Jan. 1886 July 1886 Jan. 1887 July 1887 Jan. 1888 July 1888 Jan. 1899 July 1889 Jan. 1890 July 1890 Jan. 1891	a 11 a 11 a 11 a 11 a 11 a 11 a 11 a 11	147 155 149 175 171 177 168 164 158 169 189 169	FEFFFFFFFFF	\$0.94 .93 .94 .95 .98 1.00 1.15 1.10 1.03 1.03 1.05 1.10	per day,

YARD HANDS.

4		1	1	1	11 1		
July 1848	$b11\frac{1}{3}$	4	м	.83½ per day.	July 1870 c111	27 1	
Jan. 1849	b 111	4	M	. 92	Jan. 1871 c111	14 A	1 1.63
July 1849	b 112	4	M	. 92 " " "	July 1871 c111	24 A	
Jan. 1850	b 111	4	M	. 02	Jan. 1872 c111	13 \ A	
July 1850	b 114	10	M	102	July 1872 c111	26 A	
Jan. 1851	b 111	6 7	M	.92 " "	Jan. 1873 cli	12 A	
July 1851 Jan. 1852	b 11½ b 11½	3	M	. 83 " "	July 1873 c111	21 N	1.70
July 1852	6113	15	M	1.00 " "	Jan. 1874 c114 July 1874 c114	15 M 13 M	
Jan. 1853	10113	12	M	.92 " "	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	13 N	1,10
July 1853	b111	10	M	. 92 " "	July 1875 a 11	7 1	1 1,00
Jan. 1854	c115	12	M	.92	Jan. 1876 a 11	7 1	
July 1854	c111	15	M	1,00 11 11	July 1878 a 11	20 N	
Jan. 1855	c113	10	M	1.00 " "	Jan. 1877 all	10 N	
July 1855	c115	10	M	1.00 " "	July 1877 a 11	6 N	
Jan. 1856	c 112	10	M	1.00 11 11	Jan. 1878 a11	5 N	
July 1856	c112	10	M	1.00 " "	July 1878 a 11	6 N	I 1.40 " "
Jan. 1857	€11½	10	\mathbf{M}	1.00 " "	Jan. 1879 a11	7 N	
July 1857	c112	12	M	1.00 " "	July 1879 a 11	10 A	
Jan. 1858	c112	10	M	1.00 " "	Jan. 1880 a11	12 A	
July 1858	c113	10	M	. 92 - 11 11	July 1880 a 11	23	
Jan. 1859	c114	9	M	1,00 " "	Jan. 1881 a 11	22 N	
July 1859	c112	9	M	1.00 11 11	July 1881 a 11	21 3	
Jan. 1860	c112	10 10	M	1,00 " " "	Jan. 1882 a 11	20 1	1.20
July 1860 Jan. 1861	c113	10	M	1,00 " "	July 1882 a 11	20 1	L L, W
July 1861	c113	8	M	1,00 " "	Jan. 1883 a 11	13 1	1,00
Jan. 1862	c111	6	M	1,00 " "	July 1883 a 11 Jan. 1884 a 11	12 N 10 N	1.00
July 1862	c114	6	M	1.00 " "	Jan. 1884 a 11 July 1884 a 11	10 X 12 X	1, 00
Jan. 1863	c111	6	m	1.00 " "	Jan. 1885 a 11	12 N	1,00
July 1863	c11	6	M	1.00 " "	July 1885 a 11	10 N	
Jan. 1864	c111	8	M	1.00 " "	Jan. 1886 a 11	15 1	
July 1864	cli.	8	M	1, 25 / 11 11	July 1886 a 11	17 N	
Jan. 1865	c111	10	M	1.50 " "	Jan. 1887 a 11	14 M	
July 1865	c111	10	M	1.63 " "	July 1887 a 11	12 M	[1.35 " "
Jan. 1866	c112	12	M	1.63 " "	Jan. 1888 a 11	10 M	[1.35 " "
July 1866	c115	12	M	1.63 " "	July 1888 a 11	B M	I 1.35 " "
Jan. 1867	c11½	11	M	1. 63 " "	Jan. 1889 a11	9 1	
July 1867	c112	10	M	1.63 " "	July 1889 a 11	12 N	
Jan. 1868	c113	12	M	1, 63	Jan. 1890 a 11	12 1	
July 1868	c114	12	M	1. 63	July 1890 a 11	20 1	
Jan. 1869	c111	14	M	1.63 " "	Jan. 1891 a 11	22 N	1, 50
July 1869	c111	15	M	1.63 " "	July 1891 a 11	32 N	[]1.35 " "
Jan. 1870	c111	15	М	1.63 '' ''		1	
						1	1

GROCERIES: ESTABLISHMENT No. 44, NEW HAMPSHIRE.

SALESMEN.

Jan. 1855	11 11	1	M M	. 75 1, 00	per	day.	July 1855	11 11	1 1	M M	. 75 1. 00	per	day.
\mathbf{A} verage	11	2	М	. 87½	6.6	4.6	Average	11	2	M	. 87	44	tt
a On Sa	turday	, 5 hours c	nly.	ь	On S	aturda	y, 9 hours onl	ly.	c On Sat	urday	7, 8 <u>1</u> ho	ura (nly.

GROCERIES: ESTABLISHMENT No. 44, NEW HAMPSHIRE—Continued.

SALESMEN-Continued.

				-							4		
Payroll of—	Hours per day.	Different employés.	Sex.	Rate c	of v	vages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1856	11 11	1 1	M M	\$0.75 p	er (day.	July 1863	11 11	1	M M	\$1.50 1.75	per	day.
Average	11	2	M	. 87½	16	44	Average	11	. 2	M	1. 621	11	4.5
July 1856	11 11	1	M M	. 75 1. 00	"	"	Jan. 1864	11 11	1 1	M M	1.50 1.75	14	"
Average	11	2	M	. 87 1	14	44	Average	11	2	M	1.621	.,	44
Jan. 1857	11 11	1	M	. 75 1. 00	16	"	July 1864	11 11	1 1	M M	1.50 1.75	6.6	11
Average	11	2	М	. 871	"	, "	Average	11	2	M	1.621	4.6	t 6
July 1857	11 11	1 1	M M	1.00	5 4 5 6	11	Jan. 1865	11	1 1	M	1.50 1.75	16	**
Average	11	2	M	. 871	6.6	"	Average	11	2	M	1.621	11	44
Jan. 1858	11 11	. 1	M M	. 75 1. 00	11	66	July 1865	11 11	1 I	M M	1-50 1.75	11	11
Average	11	2	М	. 87½		14	Average	11	2	М	$1.62\frac{1}{2}$	£ t	4.6
J uly 1858	11 11	1 1	M	. 75 1. 00	64	44	Jan. 1866	11 11	1 1	M M	1. 50 1. 75	3.5	11 11 /
Average	11	2	м	. 871	6.6	14	Average	11	2	M	1. 621	11	44
Jan. 1859	11	1 1	M M	.75 1.00	"	11	July 1866	11 11	1 1	M M	1. 50 1. 75	44	11
Average	11	2	М	. 87 <u>1</u>		4.6	Average	11	2	M	1.621	66	6.6
July 1859	11	1 1	M M	. 75 1. 00	66	44	Jan. 1867	11 11	1	M M	1.50 1.75	44	11
Average	11	2	М	. 871	66	**	Average	11	2	М	1.62	11	44
Jan. 1860	11 11	1 1	M M	. 75 1. 00	46	11 11	July 1867	11 11	1 1	M M	1.50 1.75	44	**
Average	11	2	M	. 87½		44	Average	11	2	M	1.621		"
July 1860	11 11	1 1	M	. 75 1. 00	41	14	Jan. 1868	11 11	1 1	M M	1.50 1.75	66	"
Average	11	2	М	. 871		44	Average	11	2	М	1. 621	"	6.6
Jan. 1861	11	1 1	M	. 75 1. 00	6 E	"	July 1868	11 11	1 1	M M	1.50 1.75	66	14
Average	11	2	м	. 871	66	44	Average	11	2	M	1.62	"	11
July 1861	11 11	1 1	M	1.00 1.25	"	46	Jan. 1869	11 11	1 1	M	1.50 1.75	16	46
Average	11	2	м	1. 121	64	rı	Average	11	2	М	1. 62	"	11
Jan. 1862	11 11	1	M	1. 25 1. 50	66	66	July 1869	11 11	1 2	M M	1. 50 1. 75	6.6	46
Average	11	2	м	1.371	44	64	Average	11	3	М	1. 66	"	14
July 1862	11 11	1 1	M M	1.25 1.50	44	1 6 6 6	Jan. 1870	11 11	1 2	M	1. 25 1. 50	66	44
Average	11	2	м	1. 371	**	66	Average	11	3	M	1.41	"	44
Jan. 1863	11 11	1 1	M M	1.50 1.75	"	6 6 6 6	July 1870	11 11	1 2	M M	1. 25 1. 50	"	44
Average	11	2	M	1, 621	66	44	Average	11	3	М	1.41		41

TABLE XII. -- RATES OF WAGES FOR 52 YEARS -- Continued.

GROCERIES: ESTABLISHMENT No. 44, NEW HAMPSHIRE—Continued, SALESMEN Continued.

4							•						
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of	wage
Jan. 1871	11 11	1 2	M M	\$1.25 .1.50	per	r day.	July 1878	11 11	2 2	M M	\$1, 50 1, 75	per	day
Áverage	11	3	M	1.411	4	4.6	Average	11	4	M	1. 621		*1
July 1871	11 11	1 2	M M	1. 25 1. 50	41	11	Jan. 1879	11	2 2	M M	1, 50 1, 75	41	11
Average	11	3	M	1, 411	16	6.6	Average	11	4	M	1.62		44
J an. 1872	11 11	2	M M	1. 25 1. 50	"	\$t ~	July 1879	11 11	2 2	M M	1.50 1.75	11	16 16
Average	11	3	M	1. 411	6.6	44	Average	11	4	М	1.621	2.5	££
July 1872	11 11	$\frac{1}{2}$	M M	1. 25 1. 50	46	**	Jan. 1880	11 11	2	M M	1.50 1.75	14	14
Average	11	3	М	1.411	41	4.6	Average	11	4	M_	1.621	tt	tt
Jan. 1873	11 11	1 2	M M	1, 25 1, 50		44	July 1880	11 11	$\frac{2}{2}$	M	1.50 1.75	**	44
Average	11	3	M	1.413	44	16	Average	11	4	М	1.621	44	44
July 1873	11 11	1 2	M M	1. 25 1. 50	41	11	Jan. 1881	11 11	$\begin{array}{c} 2 \\ 2 \end{array}$	M	1. 50 1. 75	"	11
Average	11	3	М	1.411	44	44	Average	11	1	M	1.62	44	16
Jan. 1874	11 11	1 2	M M	1. 25 1. 50	44	44	July 1881	11 11	2 2	M M	1.50 1.75	F.F.	11
Average	11	3-	М	1.413	44	44	Average	11	4	М	1.621	4.6	"
July 1874	11 11	$\frac{1}{2}$	M M	1. 25 1. 50	44	66	Jan. 1882	11 11	2 2	M M	1. 50 1. 75	**	11
Average	11	3	M	1.411	**	44	Average	11	4	M	1.62½	4.4	44
Jan. 1875	11 11	1 2	M	1. 25 1. 75	11	**	July 1882	11 11	2 2	М	1. 50 1. 75	**	£6 .
A verage	11	3	M	1.581	4.6	44	Average	11	. 4	Й	1.62	11	11
July 1875	11 11	1 2	M M	1. 50 1. 75	44	44	Jan. 1883	11 11	2	M M	1.50 1.75	11	11
Average	11	3	M	1.661	44	44	Average	11	. 4	M	1.62	* 1	46
Jan. 1876	11 11	2	. <u>M</u> M	1.50 1.75	66	66	July 1883	11 11	$\begin{bmatrix} 2 \\ 2 \end{bmatrix}$	M M	1. 50 1. 75	14	11
Average	11	3	M	1.581	64	44	Average	11	- 4	M	1.621	6.6	16
July 1876	11 11	2 1	M M	1.50 1.75	44	"	Jan. 1884	11 11	2 2	M M	1.50 1.75	at.	16
Average	11	3	M	1.581	6.6	44	Average	11	4	М	$1.62\frac{1}{2}$	44	í t
Jan. 1877	11 11	2 1	M M	1.50 1.75	44	**	July 1884	11 11	2 2	M M	1.50 1.75	64	14
Average	11	3	М	1.58½	44	44	Average	11	4	М	1.621	**	u
July 1877	11 11	2 2	M M	1.50 1.75	46	41	Jan. 1885	11 11	2 2	M M	1.75 2.33½	"	11
Average	11	4	M	1. 62½	14	**	Average	11	4	M	2.04	11	66
Jan. 1878	11 11	2 2	M M	1, 50 1, 75	46	"	July 1885	11 11	2 2	M M	1.75 2.33½	64	44
Average	11	4	M	1. 62½	44	44	Average	11	4	M	2.04	44	44

GROCERIES: ESTABLISHMENT No. 44, NEW HAMPSHIRE—Concluded. SALESMEN Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1886	. <u>1</u> 1	2 2	M M	\$1.75 2.33½	Per	đạy.	Jan. 1889	11 11	2 2	M M	\$1, 75 2, 33½	Per	day.
Average		4	M	2.041	4.6	4.6	Average	11	4	M	2.041	11	44
July 1886	11 11	2 2	M M	1.75 2.33½	44	"	July 1889	11 11	; 2	M M	1.75 $2.33\frac{1}{2}$	44	6.6
Average	11	4	M	2.041	**	**	Average	11	. 4	M	2.041	16	**
Jan. 1887	11 11	2 2	M M	1.75 $2.33\frac{1}{2}$	66	6 6 6 4	Jan. 1890	11 11	, 2 2	M M	1.75 2.33½	44	4.6
Average	11	. 4	M	2.041	i.	44	Average	11	4	M	$2.04\frac{1}{2}$	11	4.6
July 1887	11 11	2 2	M M	1.75 2.33±	14	6.6 6.6	July 1890	11 11	2 2	M M	1.75 2.33½	"	6 6 4 6
Average	11	4	M	2.041	11		Average	11	4	М	2.041	ıı	44
Jan. 1888	11 11	2 2	M M	1.75 2.334	**	41	Jan. 1891	11 11	2 2	M M	1.75 2.33½	t t	4 6
Average	11	4	М	2. 041		**	Average	11	4	М	2.041	1.6	46
J uly 1888	11 11	2 2	M M	1.75 2.33 §	44	11	July 1891	11 11	: 2	M M	1. 75 2. 33½	**	46
Average	11	4	М	2.04	64	41	Average	11	4	M	2.041	+4	44

TEAMSTERS.

Jan. 1855	11	1	м	1.50	per day	_{7.}]	July 1873	111	2	M	2.00	ner	day.
July 1855	îî	î	M	1.50	Por tit	,	Jan. 1874	îî	2	M	2.00	11	ii.
Jan. 1856	11	ī	M	1.50	44 15		July 1874	11	2	\mathbf{M}	2.00	6.6	6.6
July 1856	11	1	M	1.50	44 46		Jan. 1875	11	2	M	2.00	4.6	1.4
Jan. 1857	11	1	M.	1.50			July 1875	11	2	M	2.00	64	4.4
July 1857	11	1	M	1.50	44 46		Jan. 1876	11	2	M	2.00	6.5	4.6
Jan. 1858	11	1	M	1.50	56 65		July 1876	11	2	M	2.00	4.4	14
July 1858	11	1	M	1.50	** **	1	Jan. 1877	11	2	M	2.00	4.6	
Jan. 1859	11	1	M	1.50	11 16	- 1	July 1877	11	2 2	M	2.00		11
July 1859	11	1	M.	1.50	44 64	i	Jan. 1878	11	2	M	2.00	4.6	4.6
Jan. 1860	11	1	M	1, 50	44 44		July 1878	11		M	2.00	4.4	6.6
July 1860	11	1	M	1.50	56 66		Jan. 1879	11	. 2 2 2	M.	2.00	4.6	41
Jan. 1861	11	1	M	1.50	66 66		July 1879	11	2	M	2.00	4.6	6.6
July 1861	11	1	M	1.50	44 44		Jan. 1880	11	2	M	2.00	4.6	4.6
Jan. 1862	11	1	ML	2.00	66 66	ļ	July 1880	11	2	M	2.00	4.6	46
July 1862	11	1	M	2.00	11 11	- 1	Jan. 1881	11	2 2 2	M	2.00	4.6	
Jan. 1863	11	1	M	2.00	11 41		July 1881	11	2	M	2.00	16	46
July 1863	11	1	M	2.00		1	Jan. 1882	11	2	M	2.00	66	15
Jan. 1864	11	1	M	2.00	11 16	[July 1882	11	2	M	2.00	66	66
July 1864	11	1	M	2.00	44 44	Ī	Jan. 1883	11	2	M	2.00	14	16
Jan. 1865	11	1	M	2.00	16 46	1	July 1883	11	2	M	2.00	44	4.6
July 1865	11	1	M	2.00	(1 11		Jan. 1884	11	2	M	2.00	11	44
Jan. 1866	11	1	M	2.00	11 11	ŀ	July 1884	11	. 2	M	2.00	44	11
July 1866	11	1	Ж	2.00	16 66	į	Jan. 1885	11	. 2	M	2.331		16
Jan. 1867 July 1867	11	1	M	2.00	66 68	,	July 1885	11	2	M	2.33 1	6.6	16
Jan. 1868	11	1.	M	2.00	16 66	ł	Jan. 1886	11 11	2 2	M	2. 331	66	1.6
July 1868	11 11	1 1	M	2.00	11 11		July 1886 Jan. 1887	111	$\frac{2}{2}$	M	2. 33 1	-	4.6
Jan. 1869	11	1	M	2.00	44 44	- 1		11	$\frac{2}{2}$	M	2. 331	4.6	4.6
July 1869	11	2	M	2, 00	44 44	- 1	July 1887 Jan. 1888	11	. 2	M	2, 331		44
Jan. 1870	11	2	M	2.00	66 66		July 1888	11	2	M	2.331	11	14
July 1870	11	2	M	2.00	66 66	- !	Jan. 1889	11	2	M	2. 331	4.6	44
Jan. 1871	11	2	M	2.00	44 44		July 1889	11	2	M	2. 331	66	6.6
July 1871	11	2	M	2.00	44 44	- 1	Jan. 1890	11	. 2	M	2 333	4.6	48
Jan. 1872	11	2	M	2.00	11 11		July 1890	11	2	M	2. 331	66	4.4
July 1872	11	2	M	2.00	44 44		Jan. 1891	11	2	M	2. 33	6.4	4.6
Jan. 1873	11	2	M	2.00	44 44		July 1891	11	3	M	2. 331	"	4.4
1010		. 2	24.2	2.00			0 44.5 1001	1			509		
						- 1		•	1.				

ILLUMINATING GAS: ESTABLISHMENT No. 45, MASSACHUSETTS, RETORTMEN.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll . of—	Hours per day.	Different employés.	Sex.	Rate o	f wages.
Jan. 1854	11 11	. 1	M M	a \$0.85½ per day.	Jan. 1864	11 11	1 1	M M	$a $0.98\frac{1}{2}$ $a 1.23\frac{1}{2}$	per day.
Average	и	3	M	a 1. 07½ " "	Average	11	2	M	a1.11	66 49
July 1854	11 11	1 2	M	a. 85½ " " " a1. 18½ " "	July 1864	11 11	I 1	M M	a 1. 28 a 1. 31½	66 66
Average	11	3	M	a 1. 07½ " "	Average	11	2	M	a1. 291	11 11
Jan. 1855	11	2	М	a1. 18½ " "	Jan. 1865	11	2	M	a 1. 31½	11 II
July 1855	11 11	1	M M	a.82 " " a1.48 " "	July 1865	11 11	1 1	M	a1.311 a1.48	40 46 60 46
Average	11	2	М	α1.15 ""	Average	11	2	М	a1.391	46 46
Jan. 1856	11 11	1 1	M M	a.82 " " al.48 " "	Jan. 1866	11 11	$\begin{bmatrix} 1\\2 \end{bmatrix}$	M M	$a.98\frac{1}{2}$ $a1.48$	44 45 44 45
Average	11	2	M	a 1. 15 " "	Average	11	3	M	a 1. 31½	46 44
July 1856 Jan. 1857	· 11	2 2	M M	a. 92 " " " a. 98½ " " " "	July 1866	11 11	$\frac{1}{2}$	M M	$a1.28 \\ a1.64\frac{1}{2}$	11 16 14 11
J uly 1857	11 11	1 1	M M	a. 981 44 44	Average	. 11	3	М	a1.52½	"
Average	11	2	М	$a1.15$ " " $a1.06\frac{1}{2}$ " "	Jan. 1867.	11 11	1 2	M M	$a 1.28$ $a 1.64\frac{1}{2}$	66 66 64 64
Jan. 1858 July 1858	11 11	2 2	M	a.981 " "	Average	11	3	M	$a1.52\frac{1}{2}$	** **
Jan. 1859	, II	2	M	a. 98½ " "	July 1867,	11 11	1 2	M M	$a1.31\frac{1}{2}$ $a1.64\frac{1}{2}$	46 46
July 1859	11 11	1	M M	a.82 " " a1.083 " "	A veragė	11	3	M	a 1. 53½	""
Average	11	2	M	a. 95½ · · · ·	Jan. 1868	11 11	1 2	M M	a1,38 a1:64	45 46
Jan. 1860	11 11	1 1	M	a.82 " " a1.08½ " "	Average	11	3	M	a 1. 55½	"
Average	11	2	М	a. 95½ " "	July 1868.	11	1	M	a 1. 48	44 44
July 1860	11 11	1	M M	a. 85½ " " a 1. 23½ " "	Average	11	3	M	$\frac{a \cdot 1.64\frac{1}{2}}{a \cdot 1.59}$	"
Average	11	2	M	a1.041 " "	Jan. 1869	11	1	м	a 1. 621	46 46
Jan. 1861	11 11	1	M M	a.85½ " " a1.23½ " "	Average	11	3	М	a 1. 642 a 1. 64	11 11
Average	11	2	M	a1.04½ " "	July 1869.	11	3	м	a 1.641	11 11
July 1861	/ 11	1 1	M	a. 85½ " "	Jan. 1870 July 1870	11 11	4 3	M	a 1. 64 1 a 1. 64 1	16 14
A	11		<u>M</u>	a 1. 23½ " "	Jan. 1871 July 1871	11 11	3	M	$a1.64\frac{1}{2}$	14 46
Average Jan. 1862	11	2	M	$a1.04\frac{1}{2}$ " " $a.85\frac{1}{3}$ " "	Jan. 1872	11 11	1 3	M M	a 1. 48 a 1. 64½	ee eê .
A 240 - 0	- 11	1		a1.23½ " "	Average	11	4	M	$a1.60\frac{1}{9}$	14 14
Average July 1862	11 11	$egin{array}{c} 2 \ 1 \end{array}$	M M	a 1. 04½ " " a. 85½ " "	July 1872	11	3	M	$a1.48$ $a1.64\frac{1}{2}$	16 11
	11	1	M	a1.23½ " "	Average	11	4	м	a1, 601	** **
Average Jan. 1863	11 11	2	M	a1.04½ " "	Jan. 1873 July 1873	11 11	4 3	M M	$a1.64\frac{1}{2}$ $a1.64\frac{1}{2}$	11 11
Jan. 1000	11	1 1	M M	$a \cdot 85\frac{1}{2}$ " " $a \cdot 1 \cdot 23\frac{1}{2}$ " "	Jan. 1874. July 1874.	11 11	4	M	a 1.641	14 15
Average	11	2	м	a1.04½ "	Jan. 1875 July 1875	11 11	4	M	a 1. 64 1 a 1. 64 1	66 66
July 1863	11 11	, 1	M M	a.85\\\a1.23\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Jan. 1876 July 1876	11 11	4 4	M M	a 1. 64 1 a 1. 64 1	64 68 66 68
Average	11	2	М	a1.041	Jan. 1877: July 1877:	11 11	4.	M M	a 1.64 1	66 11
				a And fuel f	or family us	p,			,	

ILLUMINATING GAS: ESTABLISHMENT No. 45, MASSACHUSETTS—Concluded.

RETORTMEN-Concluded.

Payroll of	Hours per day.	Different employés.	Sex.	Rate of	wag	es.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of	wa	ges.
Jan. 1878 July 1878 Jan. 1879	11 11 11	4 4 4 4	M M M	a\$1.64\\\a1.64\\\\a1.64\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	11	ay.	Jan. 1886	11 11 11	2 1 3	M M M	a\$1, 31½ I a1, 48 a1, 64½	er (day.
July 1879	11			_			Average	11	6	M	a 1. 50½	44	44
Jan. 1880	11	1 4	M	a 1. 31½ a 1. 64½	4.6		July 1886	11 11 11	2 1 3	M M M	a 1. 31½ a 1. 48 a 1. 64½	6 t 4 t 4 t	16
Average	.11	5	M	a 1. 58	**	"	Average	11	- 6	м	a 1. 50	"	44
July 1880	11 11	1 3	M M	$a1.31\frac{1}{2}$ $a1.64\frac{1}{2}$		44	Jan. 1887	11. 11	2	M M	a 1. 31½ a 1. 48	44	"
Average	11	4	M	a 1.56½	"	44 1		11	3	M.	α 1. 64½	4.6	64
Jan. 1881	11 11	1 3	M M	$a1.31\frac{1}{2}$ $a1.64\frac{1}{2}$		41	Average July 1887	11	6 2	M M	$a 1.50\frac{1}{2}$ $a 1.31\frac{1}{2}$	66	16
Average	11	_ 4	M	a 1, 56	**			11, 11,	. 3	M M	a 1.48 a 1.641	"	
July 1881	: 11	1 3	M	$a 1.31\frac{1}{2}$ $a 1.64\frac{1}{4}$	4.6	"	Average	,	6	M	$a_{1.50\frac{1}{2}}$		14
Average	11	4	M	a 1. 56½	1.6	41	Jan. 1888	11 11	2 1 3	M M M	$a1.31\frac{1}{2}$ $a1.48$ $a1.64\frac{1}{2}$	6 6 6 6	**
Ĵan. 1882	11 11	1 3	M	$a 1.31\frac{1}{2}$ $a 1.64\frac{1}{2}$	44	14	Average	11	6	М	$a1.50\frac{1}{2}$	44	"
Average	11	4	М	a 1. 56½	4.6	44	July 1888	11 11 11	2 1 3	M M M	$a1.31\frac{1}{2}$ $a1.48$ $a1.64\frac{1}{2}$	14	6 4 6 6
_ J uly 1882	- 11 - 11	1 2	M	a 1. 31½ u 1. 64½	**	14	Average	11	6	M	a 1. 50½	46	44
Average	. 11	4	М	a 1. 56½	**	**	Jan. 1889	11 11 11	2	M M M	a 1. 31½ a 1. 48 a 1. 64₺	11	44
Jan. 1883	11 11	1 3	M	a 1. 31½ a 1. 64½	11	66	Average	-	6	М	a 1. 50½	11	. 4
Average	11	4	M	a 1. 56½		f t	July 1889	11	2 1	M M	a 1. 31½ a 1. 48	44	11
J uly 1883	11 11		M M	a 1. 31½ a 1. 64½	44	f t f t		11	. 3	M	$a 1.64\frac{1}{2}$ $a 1.50\frac{1}{2}$	44	
Average	B 11	4	М	a1.56}	4.6	44	Average Jan. 1890	Ί	2	M	a 1. 31½	"	44
Jan. 1884	11 11		M	$a1.31\frac{1}{2}$ $a1.64\frac{1}{2}$	16	"	Jan. 1090	11	1 3	M	a1.48 a1.641	"	44
Average	e 11	6	м	a 1. 48	44	tt	Average	e 11	6	M	α 1. 50½	11	44
July 1884	11 11 11	. 1	M	$a 1.31\frac{1}{2}$ $a 1.48$ $a 1.64\frac{1}{2}$	4.6 6.4 6.6	6.6 6.6	July 1890	11 11 11	1	M M M	$a1.31\frac{1}{2}$ $a1.48$ $a1.64\frac{1}{2}$	66	64 64
Average				a 1. 50½		4.6	Averag	e 11	. 6	М	a 1.50½	44	44
Jan. 1885	11 11	2	M	a 1. 31½ a 1. 48	"	44	Jan. 1891	11	1		a 1. 31½ a 1. 48 a 1. 64½	44 44	64 64
	11	-	-	a 1. 64½			Awaraa		-		a 1. 50½		44
Average		١.		a 1. 50½		.,	Averag	1 .			a 1. 31 1	66	4.6
July 1885	11 11 11	. 1	M	a1.48	44	44	July 1891	11	1	M	a 1. 48 a 1. 64½	44	14
Averag	e 11	. 6	<u>м</u>	a 1. 50½		4.6	*Averag	e 11	. 6	M	a1.50	64	66

ILLUMINATING GAS: ESTABLISHMENT No. 46, MASSACHUSETTS. COAL HANDLEBS.

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Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.
Jan. 1856 Jan. 1857 Jan. 1858 July 1858 Jan. 1860 Jan. 1860 Jan. 1861 July 1862 July 1862 Jan. 1863 Jan. 1863	10 10 10 10 10 10 10 10 10 10 10 10	82328841212 32	M M M M M M M M M M M	\$1.00 per day. 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " "	Jan: 1875 July 1875 July 1876 July 1876 July 1876 July 1877 July 1877 July 1878 July 1879 July 1879 July 1880 July 1880 July 1880	10 10 10 10 10 10 10 10 10 10 10 10	8 6 4 4 5 5 3 6 6 7 6 6 6 7 8 16 10 9	M M M M M M M M M M	\$2.00 2.00 1.83 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50	per day
Average July 1864 Jan. 1865 Jan. 1866 Jan. 1867 July 1868 Jan. 1870 July 1871 July 1871 July 1871 July 1872 July 1872 July 1872 July 1872 July 1872 July 1872 July 1873		5 11241333445566647	M M M M M M M M M M M M M M M M M M M	1. 50 " " " " " " " " " " " " " " " " " "	July 1881 Jan. 1882 July 1882 July 1883 July 1893 July 1893 July 1884 July 1885 July 1885 July 1886 July 1887 July 1888 July 1888 July 1888 July 1888 July 1888 July 1888 July 1888 July 1889 July 1889 July 1889	10 10 10 10 10 10 10 10 10 10 10 10 10 1	24 66 38 86 86 99 60 10 72 29 56	M M M M M M M M M M M M M M M M M M M	1, 50 1, 60 1, 60 1, 50 1,	14
Jan. 1874 July 1874	10 10	3 5	M M	2.00 " " 2.00 " "	Jan. 1891 July 1891	10	11 7	M	1. 50 1. 50	11 11

FIREMEN.

Jan. 1850	12	4	\mathbf{M}	1.00	per	day.	July 1868	-12	11	м	2.00	per	dav.
July 1850	12	3	\mathbf{M}	1.00		*1	Jan. 1869	12	19	M	2.00	11	"
Jan. 1851	12	4	M	1.00	4.6	4.6	July 1869	12	12	M	2.00	6.6	
July 1851	12	4	M	1.00	6.6	6.6	Jan. 1870	12	15	M	2.00	6.6	1.6
Jan. 1852	12	6	M	1.00	6.6	6.4	July 1870	12	11	M	2.00	6.6	. 6
July 1852	12	4	M	1.00	4.6	11	Jan. 1871	12	18	M	2.00	2.2	
Jan. 1853	12	6	M	1.00	6.6	4.6	July 1871	12	12	M	2.00	**	4.6
July 1853	12	4	\mathbf{M}	1,00	4.4	6.6	Jan. 1872	12	23	M	2.00	44	6.5
Jan. 1854	12	5	M	1.00	6 6	11	July 1872	12	14	M	2, 25	6.6	6.6
July 1854	12	4	M	1.00	6.6	4.4	Jan. 1873	12	24	M	2.25	**	44
Jan. 1855	12	7	M.	1.00	64	11	July 1873	12	20	M	2. 25	11	44
July 1855	12	6	\mathbf{M}	1.00	4.6	4.6	Jan. 1874	12	30	м	2, 25	**	1.5
Jan. 1856	12	7	M	1.00	44	4.6	1					•	
July 1856	12	7	\mathbf{M}	1.00	1.6	6.6	July 1874	12	3	M	1.831	4.6	4.6
Jan. 1857	12	7	\mathbf{M}	1.00	4.4	6.6	1	12	6	M	2.00	: 1	+ 4
July 1857	12	7	\mathbf{M}	1.00	6.6	6.6		12	8	M	2. 15	**	11
Jan. 1858	12	8	M	1,00		6.6							
July 1858	12	6	M	1.00	16	6.6	Average	12	17	M	2.04	"	"
Jan. 1859	12	В	M	1.00	11	44							
July 1859	12	5	M	1.00	1.1	4.6	Jan. 1875	12	3	м	1.831	11	4.6
Jan. 1860	12	7	M	1.00	1.4	4.6	9 mm. 1019	12	15	M	2 00		11 -
July 1860	12	6	M	1.00	6.6	6.6	il l	12	8	M	2. 15	44	64
Jan. 1861	12	7	M	1.00		44		12		TAT	2. 10		
July 1861	12	6	M	1.00		4.4	Average	12	26	M	2.021	44	4.6
Jan. 1862	12	12	M	1.00	11	44	Average	12	20	300	2.025		
July 1862	12	10	M	$1.12\frac{1}{2}$		64	1	1					
Jan. 1863	12	14	M	1.12	44	44	July 1875	12	7	M	1.80	4.6	44
July 1863	12	9	М	1.37	11	16		12	11	M	2.00	14,	16
Jan. 1864	12	14	M	1.37	"		1	12	. 3	M	2. 15	14	**
July 1864	12	10	М	1.75	61	44	ll . i						16
Jan. 1865 July 1865	12 12	15	M	1.75	44	44	Average	12	21	M	1. 951	6.6	••
Jan. 1866	12	8	M	1.75	6.6	66	T			3.5		14	15
July 1866	12	11 9	M	1.75	61	44	Jan. 1876	12	6	M	1.80	44	
Jan. 1867	12	15		2.00		16	i i	12	12	M	2.00	44	44
July 1867	12	10	M M	2,00	66	66		12	3	M	2.15		
Jan. 1868	12		M	2.00	46	44	1	7			1 001	64	46
was, 1000	14	14	TAT	2.00	.,	**	Average	12	21	M	1.96		

ILLUMINATING GAS: ESTABLISHMENT No. 46, MASSACHUSETTS—Continued.

FIREMEN-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of 1	wages
July 1876	12 12 12	8 3 2	M M M	\$1.66\frac{1}{2} 2.00 2.15	per	day.	Jan. 1882	12 12	10 3	M M	\$1.83½ 2.00	per	day.
Average	12	13	M	1.811	11	11	Average	12	13	M	1.871	"	**
Jan. 1877	12 12	13 3	M	1.66½ 2.00	11	"	July 1882	12 12	5 4	M M	$\frac{1.831}{2.00}$	66	44
	12	2	M	2. 15	11	64	Average	12	9	M	1. 91	66	"
Average		18	М	1.771	6.6	**	Jan. 1883	12 12	12 3	M M	1.83½ 2.00	"	11
July 1877	12 12 12	10 ° 3 1	M M M	1.66½ 2.00 2.15	"	11	Average	12	15	м	1. 87	"	44
Average	12	14	М	1.77		44	July 1883	12 12	8 3	M M	$\frac{1.83\frac{1}{2}}{2.00}$	16	44
Jan. 1878	12 12	6 3	M M	1.66½ 2.00	"	11	Average		11	M	1.88	ţī	**
Average	12	9	M	1.77½	6.4	64	Jan. 1884	$\frac{12}{12}$	14 3	M M	$\frac{1.83\frac{1}{2}}{2.00}$	11	11
July 1878	12 12	13 2	M M	1. 66½ 2. 00		11	Average	12	17	M	$1.86\frac{1}{2}$	44	66
Average	12	15	М	1.71		4.6	July 1884 Jan. 1885	12 12	8 15	M	$1.83\frac{1}{2}$ $1.83\frac{1}{2}$	44	16
Jan. 1879	12 12	14 2	M M	1.66½ 2.00	**	46	July 1885 Jan. 1886 July 1886	12 12 12	15 11 9	M M M	$1.83\frac{1}{2}$ $1.83\frac{1}{2}$ $1.83\frac{1}{2}$	64 46	66 66
Average	12	16	М	1.701	**	**	Jan. 1887 July 1887	12 12	15 .8	M	1.83		"
July 1879	12 12	8 2	M M	1, 66 <u>1</u> 2, 00	44	44	Jan. 1888 July 1888 Jan. 1889	12 12 12	, 12 8 14	M M M	1, 83 \\ 1,	11	11
Average	12	10	M	1.73	"	**	July 1889	12 12	9 14	M M M	1, 83 1 1, 83 1 1, 83 1	66	46
Jan. 1880 July 1880 Jan. 1881 July 1881	12 12 12 12	14 9 14 7	M M M	1. 66½ 1. 66½ 1. 66½ 1. 66½	66 66 66	66 66	July 1890 Jan. 1891 July 1891	12 12 12	12 21 13	M M	1.83½ 1.83½ 1.83½	"	11

FOREMEN, FIREMEN,

														-
Jan. 1869 July 1869 July 1870 July 1870 July 1870 Jan. 1871 July 1871 Jan. 1872 July 1873 July 1873 July 1873 July 1873 July 1875 July 1875 July 1876 July 1876 July 1877 Jan. 1877 July 1877 Jan. 1878 July 1877 July 1877 July 1877 July 1877 July 1878 July 1878 July 1878 July 1878 July 1878 July 1878 July 1878 July 1879 July 1879 July 1879 July 1879 July 1879 July 1879 July 1879 July 1879	12 12 12 12 12 12 12 12 12 12 12 12 12 1	111111221122222221222222222222222222222	M M M M M M M M M M M M M M M M M M M	2. 50 2. 50 2. 50 2. 50 2. 50 2. 50 2. 50 2. 50 2. 50 3. 00 3. 00 3. 00 2. 25 25 25 25 25 25 25 25 25 25 25 25 25 2	per 10 10 10 10 10 10 10 10 10 10 10 10 10	day.	Jan. 1882 July 1883 July 1883 July 1883 Jan. 1884 July 1885 July 1885 July 1885 July 1886 July 1886 July 1888 July 1888 July 1888 July 1888 July 1888 July 1889 Average Jan. 1890 July 1890	12 12	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 1 1 2	M M M M M M M M M M M M M M M M M M M	2. 17 2. 17	Per 11 14 14 14 14 14 14 14 14 14 14 14 14	day.	1
	12	2							2					
		2							2					
July 1880	12	2	M	2.00			Jan. 1891	12	2			14	44	
Jan. 1881	12	2	M	2.00	4.6	1.6	July 1891	12	2	М	2.17	- 14	••	
July 1881	12	2	M	2.00	44	4.6	'							

ILLUMINATING GAS: ESTABLISHMENT No. 46, MASSACHUSETTS—Continued. FOREMEN, LABORERS.

Payroll of-	Hours - per day.	Different employés.	Sex.	Rate	of	vages.	Payro of—		Hours per day.	Different employés.	Sex.	Rate	of v	wages.
July 1868	10	1	M	\$2.00		day.	July 1	880	10			\$2.00		day.
Jan. 1869	10	1	M	2.00	1.	6.6	Jan. 1		10	2	М	2.00		
July 1869	10	1	M	2.00	4.6	6.4	July 1	881	10	1	M	2.00	**	**
Jan. 1870	10	1	M	2.00		6.6	Jan. 1		10	1	M	2.00	44	14
July 1870	10	1	M	2.00	6.6	4.6	July 1		10	1	M	2.00	4.6	44
Jan. 1871	10	1	M	2.00	4.6	44	Jan. 1		10	1	M	2.00	**	
July 1871	10	3	M	2.00		66	July 1	888	10	1	M	2.00	16	16
Jan. 1872	10	1	M	2. 25	44	44	Jan. 1		10	1	M	2.00		44
July 1872	10	2	M	2. 25	44	66	July 1	884	10	1	М	2.00	66	66
Jan. 1873	10	1	M	2. 25		14	Jan. 1		, 10	Ţ	M	2.00		11
July 1873	10	3	M	2.25	44	44	July 1		10	1	M	2.00		11
Jan. 1874	10	1	M	2. 25	64	"	Jan. 1		10	Ţ	M	2.00		14
July 1874	10	1	M	2. 25	44		July 1	886	10	ī	M	2.00		44
Jan. 1875	10	$\frac{1}{2}$	M	2. 25	64	6.6	Jan. 1		10	1	M	2.00		44
July 1875	10		M	2. 25		15	July 1		10	1	M M	2.00		66
Jan. 1876	10	1	M	2.17	4.6	6.6	Jan. 1		10	1	M	2.00	66	44
July 1876	10 10	2	M	1. 53 1. 75	66		July 1		10 10	1	M	2.00	- 61	66
Jan. 1877	10	$\frac{1}{2}$	M	1.75	1.6		Jan. 1		10	+	M	2.00	11	44
July 1877		2	M		6.6	6.6	July 1	000	10	1	M	2.00	**	14
Jan. 1878	10		M	1.75 2.00		6.5	Jan. 1		10	1	M	2.00		44
July 1878	10	1 1	M	2.00	44	66	July i		10	1	M	2.00	66	44
Jan. 1879	10		M	2.00	14	66			10	1	M	2.00	44	4.5
July 1879 Jan. 1880	10	1	M	2.00	11	4.6	July 1	091	10		711	2.00		
u ан. 1000	10			2.00			i							

FOREMEN, METERMEN.

Jan. 1874- July 1874- Jan. 1875	10 10 10	1 1 1	M M M	2. 87½ 2. 87½ 2. 87½	per	day,	July 1879	10 10	1	M M	2. 00 2. 30	per	day
July 1875	10	1	\mathbf{M}	$2.87\frac{1}{2}$	6.4	66	Average	10	2	м	2.15	"	44
Jan. 1876 July 1876	10	1 1	M M	$2.87\frac{1}{2}$ 2.49	44	66	Jan. 1880	10	1	м	2.00	16	41
0 41, 10.0		-		21 10			July 1880	10	1 1	M	2.00	6.6	45
Jan. 1877	10	1	M	2, 25	4.4	44	Jan. 1881	10	ī	M	2.00	6.6	44
	10	1	М	2.49	44	44	Jan. 1882	10	1	M	2.00	4.6	66
							July 1882	10	1 2	M	2.00		1.6
Average	10	2	M	2.37	4.6	6.6	Jan. 1883	10	2	M	2.00	44	44
T 3 1000		_			4.4	4.6	July 1883	10	1	M	2. 17	66	
July 1877	10 10	1	M	2.00	14		Jan. 1884	10	1	M	2. 17 2. 17	41	
1	10	1	M	2.49		**	July 1884 Jan. 1885	10	1	M	2. 17	6.6	61
Average	10	2	M	2. 241	4.6	6.6	July 1885	10	1	M	2. 17	6.6	6.6
Avorago	10	-		D. Dag			Jan. 1886	10	i	M	2. 17	(t	£ 6
Jan. 1878	10 1	1	M	2.00	4.6	4.6	July 1886	10	ī	M	2. 17	4.6	4.6
	10	1	M	2.49	44	4.6	Jan. 1887	10	1	M	2. 25	44	4.6
-							July 1887	10	1	M	2. 25	4.6	66
Average	10	2	M	$2.24\frac{1}{2}$	1.6	4.6	Jan. 1888	10	1	м	2. 25	66	16
		_					July 1888	10	1	M	2. 25	11	44
July 1878	10	1	M	2.00	44	66	Jan. 1889	10	1	M	2.50		
	10	1	М	2.30	**		July 1889	10	1	M	2.50	**	**
A wore go	10	2	M	2. 15	4.4	66	Jan. 1890	10	1 1	M	2, 50 2, 50	66	66
Average	10	Z	INT.	4.15			July 1890 Jan. 1891	10 10		M	2. 25	44	44
Jan. 1879	10	1	м	2,00	64	**	July 1891	10	1 2	M	2. 25	4.6	6.5
Jan. 1010	10	1	m	2. 30	È.	16	0 dry 1091	10	2		2.20		
											1		
Average	10	2	M	2. 15	64	41		- 1			ĺ		

FOREMEN, YARD.

July 1868 10 1 M 2.00 1 1 M 2.00 1 M <th< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<>												
July 1871 10 1 M 2.00 " " Jan. 1876 10 1 M 2.00 " "	July 1868 Jan. 1869 July 1869 Jan. 1870 July 1870	10 10 10 10 10	1 1 1 1 1	M M M M	2. 00 2. 00 2, 00 2, 00 2, 00 2, 00	11 11	Jan. 1873 July 1873 Jan. 1874 July 1874 Jan. 1875	10 10 10 10 10	1 1 1 1 1	M M M M	2. 00 2. 00 2. 00 2. 00 2. 00 2. 00	66 68 64 68 61 (8
Jan. 1872 10 1 M 2.00 " " July 1876 10 1 M 2.00 " "			1 1						1 1			

44 ..

64 44

 $\frac{1}{2}$

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M M M

1. 50 1, 75 4.6 44

1.70

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 46, MASSACHUSETTS-Continued.

FOREMEN, YARD-Concluded.

_				FUREMEN, 1A	KD-Collett	iaea.			
Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll *of—	Hours per day.	Different employés.	Sex.	Rate of wages
Jan. 1877 July 1877 Jan. 1878 July 1878 Jan. 1879	10 10 10 10 10	1 1 1 1	M M M M	\$2.00 per day. 2.00 " " 2.00 " " 2.00 " " 2.00 " "	Jan. 1886 July 1886 Jan. 1887 July 1887	10 10 10 10	2 3 2 2	M M M M	\$2.00 per day. 2.00 " " 2.00 " "
July 1879 Jan. 1880	10 10	1 1	M	2.00 " "	Jan. 1888	10 10	2 1	M M	2. 00
July 1880 Jan. 1881 July 1881	10 10 10	1 1	M M M	2.00 " " "	Average	10	3	М	2.161 " "
Jan. 1882 July 1882 Jan. 1883 July 1883	10 10 10 10	1 1 1	M M M M	2.00 (4 (4 (2.00 (4 (4 (2.00 (4 (4 (2.00 (4 (4 (2.00 (4 (4 (2.00 (4 (4 (2.00 (4 (4 (2.00 (4 (4 (2.00 (4 (4 (2.00 (4 (4 (2.00 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4	July 1888 Jan. 1889 July 1889 Jan. 1890	10 10 10 10	2 2 2 1	M M M M	2.00 44 44 44 44 44 44 44 44 44 44 44 44 4
Jan. 1884 July 1884	10	1	M	2.00 " "	July 1890	10 10	I 1	M M	2. 00 " " " " "
Average	10	1 2	M	2. 25 4 4 4	Average	10	2	M	2.15 " "
Jan_1885 July 1885	10	2	M	2.00 " " " 2.00 " "	Jan. 1891 July 1891	10 10	1	M	2.00 " "
Jan. 1869	12	4 3	M	2.00 per day.	July 1880	12	12 3	M	1. 66½ per day
July 1869 Jan. 1870 July 1870 Jan. 1871 July 1871 Jan. 1872 July 1872 Jan. 1873	12 12 12 12 12 12 12 12 12 12 12	3 3 3 2 2 4 2 2	M M M M M M M	2.00 " " " 2.00 " " 2.00 " " 4 2.25 " " 4 4 2.25 " " 4 4 2.25 " " 4 4 2.25 " * 4	Jan. 1881 July 1881 Jan. 1882 July 1882 Jan. 1883 July 1883 Jan. 1884 July 1884 July 1884	12 12 12 12 12 12 12 12 12 12	3 2 2 2 3 5 5 2 2 2 2 2 2 2 2 2 2 2 2 2	M M M M M M M M	
July 1873 Jan. 1874 July 1874 Jan. 1875 July 1875 Jan. 1876 July 1876 Jan. 1877 July 1877 July 1877	12 12 12 12 12 12 12 12 12 12 12	4225688888888888888888888888888888888888	M M M M M M M	2.00 " " " 2.00 " " " 1.2.00 " " " 1.2.00 " " " 1.2.00 " " 1.2.00 " " 1.3.00 " " 1.4.00 " " 1.664 " " 1.664 " " 1.664 " " 1.664 " " 1.664 " " 1.664 " " 1.664 " " 1.664 " " 1.664 " " 1.664 " " 1.664 " " " 1.664 " " " 1.664 " " " 1.664 " " " 1.664 " " " 1.664 " " " 1.664 " " " 1.664 " " " 1.664 " " " " 1.664 " " " " 1.664 " " " " 1.664 " " " " 1.664 " " " " " 1.664 " " " " " " " " " " " " " " " " " "	July 1885 Jan. 1886 July 1886 Jan. 1887 July 1888 July 1888 July 1888 July 1889 July 1889	12 12 12 12 12 12 12 12 12 12 12	3 2 3 18 3	M M M M M M M	1.83½ " " 1.83½ " " 1.83½ " " 1.83½ " " " 1.83½ " " " 1.83½ " " " 1.83½ " " " 1.83½ " " " 1.83½ " " " 1.83½ " " "
July 1878 Jan. 1879 July 1879 Jan. 1880	12 12 12 12	3 2 3 2	M M M M	1.66½ " " " 1.50 " " 1.50 " " " 1.50 " " " 1.50 " " " 1.50 " " " 1.50 " " " 1.50 " " " 1.50 " " " 1.50 " " " " " " " " " " " " " " " " " " "	Jan. 1890 July 1890 Jan. 1891 July 1891	12 12 12 12 12	2 3 2 4 5	M M M M	1.83\frac{1}{2} \tau \tau \tau \tau \tau \tau \tau \tau
	,1	1		LABORER	s, street	Γ.			
Jan. 1850 July 1850 Jan. 1851 July 1851 Jan. 1852 July 1852 Jan. 1853 July 1853 Jan. 1854	10 10 10 10 10 10 10 10	24 3 2 6 2 2 2 2 6 6 6	M M M M M M M M	.87½ per day85 '' '' .85 '' '' .85 '' '' .85 '' '' .87½ '' '' .85 '' '' .87½ '' '' .87½ '' '' .87½ '' '' .87½ '' ''	July 1859 Jan. 1860 July 1860 July 1861 Jan. 1862 July 1863 July 1863 July 1864 Jan. 1865 July 1865	10 10 10 10 10 10 10 10 10	7 3 12 8 2 6 5 6 2 4	M M M M M M M M	1,00 per day, 1,00 "" "" 1,00 "" "" 1,00 "" "" 1,08½ "" "" 1,10 "" "" 1,10 "" "" 1,25 "" "" 1,25 "" ""
July 1854 Jan. 1855 July 1855 Jan. 1856 July 1856	10 10 10 10 10	2 5 3 4	M M M M	. 87½ " " "	July 1866 July 1867 July 1868	10 10 10	1 1	M M M	1.50 " " " 1.50 " " 1.25 " " " 1.50 " " " 1.50 " 1.

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MMMMMMMMMMM

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Jan. 1855 July 1855 Jan. 1856 July 1856 Jan. 1857 July 1857 Jan. 1858

July 1858

ILLUMINATING GAS: ESTABLISHMENT No. 46, MASSACHUSETTS—Continued.

LABORERS, STREET-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of	wages.
July 1869	10 10	2 10	M M	\$1. 25 1. 75	per	day.	Jan. 1877	10 10	2 6	M M	\$1.50 1.66½	per	day.
.Average	10	12	M	1.661	44	44	Average	10	g	M	1. 623	tt	**
Jan. 1870	10 10	1 1	M	1. 50 1. 75	**	44	July 1877 Jan. 1878 July 1878	· 10 · 10	11 6 7	M M M	1. 25 1. 25 1. 25	14	66 66 -
Average	10	2	M	1.621	11	44	Jan. 1879 July 1879	10 10	6	M	1. 25 1. 25	44	* 1
July 1870	10 10	2 8	M M	1.50 1.75	44	44	Jan. 1880 July 1880	10 10	3 2	M M M	1. 25 1. 25	. 44 66 66	í.
Average	10	10	М	1.70	**	44	Jan. 1881 July 1881 Jan. 1882	10 10 10	6 6 4	M M M	1, 25 1, 50 1, 50	44	44
Jan. 1871	10 10	1 5	M M	1, 50 1, 75	44	44	July 1882 Jan. 1883	10 10	3 2	M M	1.50 1.50	**	66 64
Average	10	6	M	1.71	-	44	July 18834 Jan. 1884 July 1884	10 10 10	3 3 8	M M M	1.50 1.50 1.50	11	"
July 1871	10	13	M	1.75	44	44	Jan. 1885 July 1885	10 10	5 7	M M	1.50 1.50	**	£1 £4
Jan. 1872 July 1872	10 10 10	14 15 9	M M M	1.75 2.00 2.00	66	44	Jan. 1886 July 1886 Jan. 1887	10 10 10	3 9 9	M M M	1.50 1.50 1.50	44	66
Jan. 1873 July 1873 Jan. 1874	10 10 10	7 3	M	2.00	"	44	July 1887 Jan. 1888	10 10	6	M	1.50 1.50	14	64 66
July 1874 Jan. 1875	10 10	6 6	M	1.75 1.75	11	61, 64	July 1888 Jan. 1889	10 10	_32 1	M	1.50 1.50	44	44
July 1875	10	21	M	1.50		66	July 1889 Jan. 1890	10 10	7 7	M	1.50	11	44
Jan. 1876	10 10	3 11	M M	1.50 1.66½	11	44	July 1890 Jan. 1891	10 10	6 3	M M	1.65 1.65	14.	14
Average	10	14	M	1.63	44	44	July 1891	10 10	11 9	M M	1.50 1.65	46	44
July 1876	10 10	2 6	M M	1.35 1.50	44	46	Average	10	20	M	1.561	44	46
Average	10	8	М	1.461	41	••							

METERMEN.

July 1873 Jan. 1875 July 1876 July 1876 Jan. 1870 Jan. 1877 Jan. 1877 Jan. 1878 July 1878 July 1878 July 1878 July 1880 July 1880 July 1880 July 1881 July 1881 July 1881 July 1882 July 1882	10 10 10 10 10 10 10 10 10 10 10 10 10 1	12212111112333822222	M M M M M M M M M M M M M M	2. 25 per day. 2. 25 " " 2. 17 " " 2. 17 " " 1. 83 " " 1. 66½ " " 1. 50 " " 1. 65 " "	July 1883 Jan. 1884 July 1885 July 1885 July 1885 July 1886 July 1886 Jan. 1887 Jan. 1888 July 1888 July 1889 July 1889 July 1889 July 1890 July 1890 July 1890	10 10 10 10 10 10 10 10 10 10 10 10 10 1	2 2 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M M M M M	1. 65 1. 65 1. 33 1. 33 1. 45 1. 65 1. 65 1. 75 1. 75 1. 75 1. 75 1. 75 1. 75 1. 50		
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TEAMSTERS.

Jan. 1876 July 1876 Jan. 1877 July 1877 July 1879	10	1	M M M M	2, 11 2, 11 2, 11	per day.	Jan. 1879 July 1879 Jan. 1880 July 1880	10 10 10 10	1 1 1 1	M M M	2. 11 per day. 1. 914 " " 1. 914 " " 1. 914 " "
July 1877 Jan. 1878 July 1878	10 10 10	1 1	M M M	2. 11 2. 11 2. 11		July 1880 Jan. 1881 July 1881	10	1 1 1	M M M	1.918

ILLUMINATING GAS: ESTABLISHMENT No. 46, MASSACHUSETTS-Concluded.

TEAMSTERS-Concluded.

Payroll Ho	urs er y.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	ages.
	10 10 10 10 10 10 10 10	1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M	\$2. 11 2. 11 2. 11 2. 11 2. 11 1. 65 1. 65 1. 50 1. 55	66 66 68 64 64	day.	Jau. 1886 July 1886 Jan. 1887 July 1887 Jan. 1888 July 1889 Jan. 1889 Jau. 1890 July 1890 July 1890 July 1891	10 10 10 10 10 10 10 10 10	1 1 1 1 2 3 2 2 2 2 2 5 5	M M M M M M M M M	\$1, 65 1, 65 1, 65 1, 65 1, 65 1, 65 1, 65 1, 65 1, 65 1, 65	per	day.

YARD HANDS.

							,						
Jan. 1879 July 1879	10 10 10	3 6 4	M M M	1.50 1.50 1.50	per	day.	Jan. 1887	10 10	6 2	M	1.50 1.65	per	day.
Jan. 1880 July 1880	10 10 10	3	M M	1.50	44	"	Average	10	8	M	1.531	11	44
Jan. 1881 July 1881 Jan. 1882	10 10 10	4 2 3	M M	1, 50 1, 50 1, 50	44	11	July 1887	10 10	2	M M	1.50 1.65	66	44
July 1882 Jan. 1883	10 10	2 2 3	M	1.663 1.663	11	14	Average		3		1.55	4.6	4.4
July 1883 Jan. 1884	10 10	3 4	M	1. 66½ 1. 50	11	11	Jan. 1888	10	1	M	1.50		6.6
July 1884 Jan. 1885	10 10	7 2	M	1.50 1.50	11	41		10	4	M	1.65	14	4.4
July 1885	- 10	7	М	1. 50	**		Average		5	M	1.62	**	4.5
	10	1	<u>M</u>	1. 65	41	44	July 1888	10 10	1 1	M	1.50 1.65	**	44
Average		8	M	1. 52	44	44	Average	10	2	м	1.571	**	44
Jan. 1886	10 10	1	M M	1.50 1.65	**	4.5	Jan. 1889	10	4 2	M	1.65	16	
Average	10	2	М	1.571	4.6	44	July 1889 Jan. 1890 July 1890	. 10 10 10	5 7	M M	1.50 1.50 1.50	44	44
July 1886	10 10	1	M	1, 50 1, 65	44	44	Jan. 1891 July 1891	10 10	4	M	1.50 1.50	44	66
Average		2	м	1. 573	11	44	5 diy 1051	10	•		1.50		
A.vorago	10	_		1.0.2									

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK.

BLACKSMITHS.

Jan. 1840 July 1840 Jan. 1841 July 1841 Jan. 1842 July 1842 July 1842 Jan. 1843	10 10 10 10 10 10 10	1 M 1 M 1 M 1 M 1 M 1 M	1.75 per day. 1.75 " " 1.75 " " 1.75 " " 1.75 " " 1.75 " " 1.75 " " 1.75 " "	Jan. 1851 July 1851 Jan. 1852 July 1852 Jan. 1853 July 1853	10 10 10 10 10 10	1 3 3 2 3 2	M M M M M	1. 75 1. 50 1. 50 1. 50 1. 50 1. 50 1. 75	64	day.
July 1843 Jan. 1844 July 1844 Jan. 1845 July 1845	10 10 10 10 10	1 M 1 M 1 M 1 M	1.50 " " " 1.50 " " 1.50 " " 1.50 " " 1.62½ " 1.62½	Jan. 1854 Average	10 10	2 1 3	M M	1.50 1.75 1.58½		64 66
Jan. 1846 July 1846 Jan. 1847 July 1847	10 10 10 10	1 M 1 M 1 M	1. 62½ " " " 1. 62½ " " " 1. 75 " " " " " " " " " " " " " " " " " "	July 1854	10 10	1	<u>M</u>	1.50 2.00	41	11
Jan. 1848 July 1848 Jan. 1849 July 1849 Jan. 1850	10 10 10 10	1 M 1 M 1 M 1 M	1.75 " " 1.7	Average Jan. 1855	10 10 10	2 1 1	M M M	1.75 1.75 2.00	44	6 6 6 6
July 1850	10	i M	1.75 " "	Average	10	2	M	1.87	**	44

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK-Continued.

BLACKSMITHS-Continued.

Payroll of	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of wages.
July 1855	10 10	2 1	M M	\$1.75 2.00	- 11	day.	July 1862	10 10 10	7 1 1	M M M	\$1.75 2.00 3.00	per day.
Average		3	M	1.83 <u>1</u>	**	**	Average	10	9	-Т	1. 91	
Jan. 1856	10 10	2 1	M M	1.75 2.00	6.6	44	Jan. 1863	10	3	м	1.75	11 11
Average	10	3	М	1.83½	44	44		10	2 1	M	2. 00 3. 00	14 11
July 1856	10 10	2	M M	1.75 2.00	44	4.4	Average	. 10	6	M	2.04	16 66
Average	10	3	м	1, 831	44	6.6	July 1863	10 10	5 1	M	2.50 4.00	44 44
Jan. 1857	10°	2 1	M	1.75 2.00	64	66	Average	10	6	M	2, 75	46 44
Average	10	3	M	1.831	44	64	1 Jan. 1864	10 10	2	M M	2.00 2.25	11 11
July 1857	10 10	2	M M	1.75 2.00	44	44		10	1	M	4.00	4 14
Average	10	3	M	1.83		44	Average July 1864	10	5	M M	2.43	41 41
Jan. 1858	10	2	M	1.75	**	**		10	_ i	М	4.00	££ 6£
	10 10	1	M	2.00 2.50	44	14	Average	10	6	M	2.75	11 44
Average	10	4	M	2. 00	66	46	Jan. 1865	· 10	5 1	M M	2.75 4.00	10 E1
July 1858	10 10	2	M	1.75 2.00	1.4	44	Average	10	6	м	2.96	£(£L
	10	1	<u>M</u>	2.50	4.6	44	July 1865	10 10	5 1	M	2.75 4.00	66 66 66 66
Average	10	4	M	2.00	14	"	Average	10	6	M	2.96	44 44
Jan. 1859	10 10 10	3 1 1	M M M	1.75 2.00 3.00	66	11	Jan. 1866	10	5	м	2. 75 4. 00	44 66 66 68
Average	10	5	м	2. 05	66	66	Аусгаде	10	6	м	2. 96	41 14
July 1859	10 10 10	4 1 1	M M M	1.75 2.00 3.00	11	66	July 1866	10 10 10	4 1 1	M M M	2.75 3.00 4.00	44 14 44 44 44 44
Average	10	6	м	2.00	4.6	**	Average	10	6	M	3.00	11 41
Jan. 1860	10 10 10	5 1 1	M M M	1.75 2.00 3.00	44	6 6 6 6	Jan. 1867	10 10 10	4 1 1	M M M	2.75 3.00 4.00	65 44
Average	10	7	м	1.961	14	4.6	Average	10	6	М	3.00	££ ££
July 1860	10 10 10	6 I 1	M M M	1, 75 2, 00 3, 00	44	46 46	July 1867	10 10 10	1	M M M	3. 00 3. 25 4. 00	te 86 66 Et 61 B6
Average	10	В	М	1, 931	4.1	66	Average	10	6	м	3. 21	
Jan. 1861	10 10 10	8 1 1	M M M	1, 75 2, 00 3, 00	4 4 4 4	64 64 46	Jan. 1868	10	4 1	M	3. 00 3. 25	11 11
Average	10	10	м	1. 90	11	a t		10	i	М	4. 00	46 66
July 1861	10 10 10	8 1 1	M M	1, 75 2, 00	4.6 4.6	11	Average July 1868	10	6	M M	3, 21 3, 00	11 16
Average			M	3.00	11		1.1.000	10	ī	M	3. 50	44 44
Jan. 1862	10	10	M	1. 90 1. 75	44	"	Average	10	5	М	3. 10	44 44
	10 10	1	M	2. 00 3. 00	4 s	66	Jan 1869	10	1	M M	3, 00 3, 50	16 66
Average	10	10	M	1.90	11		Average.	10	5	M	3 10	44 44

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK—Continued.

BLACKSMITHS-Continued.

												-	
Payroll of	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1869	10 10	4	M M	\$3.00 ₁ 3,50	per d	lay.	Jan. 1877	10 10	1	M M	\$3.50 4.00	\mathbf{per}_{ii}	day.
Average	10	5	M	3. 10	4.4		Average	10	5	M	3, 60	**	44
Jan. 1870	10 10	1	M M	3, 00 3, 50	"	"	July 1877	10 10	1	M M	3, 50 4, 00	64	14
Average	10	5	M	3, 10	••	**	Average	10	5	М	3.60		14
July 1870	10 10	4 1	M M	3. 00 3. 50	46	"	Jan. 1878	10 10	1	M M	3, 50 4, 00	44	4.6
Average	10	5	Ж	3. 10		16	Average	10	5	М	3. 60	41	**
Jan. 1871	10 10	4 1	M M	3.00 3.50		14	July 1878	10 10	4 1	M M	2. 75 3. 50_	44	66
Average	10	5	М	3. 10		í i	Average	10	5	M	2. 90	4.5	44 -
July 1871	10 10	4	M M	3.00 3.50	61	16	Jan. 1879	10 10	4 1	M	2.75 3.50	64	44
Average	10	5	M	3.10	14	14	Average	10	5	M	2. 90	"	46
Jan. 1872	10 ⁻ 10	4	M M	3.00 3.50	44	14	July 1879	10 10	3 1	M	2.50 3.00	66	14
∆ verage	10	5	M	3. 10	4.1	**	Average	10	4	M	2.621	44	**
July 1872	10 10	4	M M	3, 50 4, 00	**	**	Jan. 1880	10 10	1	M M	2.50 3.00	44	**
Average	10	5	M	3.60	6.6	44	Average	10	5	М	2. 60	41	44
Jan. 1873	10 10	4 1	M M	3. 50 4. 00	44	14	July 1880	10 10	1	M M	2.50 3.00	6.6	5 6 6 6
Average	10	5	М	3, 60	44	64	Average	10	. 5	М	2. 60	4.6	4.4
July 1873	10 10	6	M M	3.50 4.00	44	14	Jan. 1881	10 10	4	M	2.50 3.00	44	**
Average	10	7	М	3.57	* 1	44	Average	10	5	М	2.60	41	**
Jan. 1874	10 10	6	M	3.50 4.00	44	41	July 1881	10 10	. 4	M	2.50 3.00	66	**
Average	10	7	M	3. 57	14	44	Average	10	. 5	M	2.60	6.5	44
July 1874	10 10	6	M M	3.50 4.00	6 6 6 6	44	Jan. 1882	10 10	6	M	2. 50 3. 00	66	44
Average	10	7	M	3, 57	4.6	46	Average	10	7	М	2. 57	44	
Jan. 1875	- 10 10	6	M	3.50 4.00	14	44	July 1882	10 10	2 2	M M	2. 50 2. 75		44
Average	10	7	M	3.57	66	44		10	1		3.00	- 11	**
July 1875	10 10	6	M M	3.50 4.00	11	11	Average		5		2, 70	66	66
Average	10	7	M	3. 57	4.6	4.6	Jan. 1883	10 10	2 2	M	2. 50 2. 75 3. 00	14	44
Jan. 1876	10 10	6		3, 50 4, 00	**	14	Average	10	5		2.70	- "	16
Average	10	7	М	3. 57	4.5	4.6	July 1883	10	2		2. 50	46	**
July 1876	10 10	6		3.50 4.00	44	14	J 2.17 2000	10 10	1	M	2. 75 3. 00	- "	44
Average	10	7	М	3.57	44	44	Average	10	5	M	2.70	44	44

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK-Continued.

BLACKSMITHS-Concluded.

Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of wage	Payroll, of—	Hours per day.	Different employés.	Sex.	Rate	of wages.
Jan. 1884	10 10 10	2 2 1	M M M	\$2.50 2.75 3.00	per day	Jan. 1888	10 10 10	$\begin{smallmatrix}2\\1\\1\\1\end{smallmatrix}$	M M M	\$2.50 2.75 3.00	per day.
Average	10	5	M	2.70	** **	Average	10	4	M	2.68	44 44
July 1884	10 10 10	2 2 1	M M M	2.50 2.75 3.00	64 44 64 44 65 66	July 1888	10 10 10	2 1 1	M M M	2.50 2.75 3:00	
Average	10	5	M	2.70	** **	Average	10	4	M	2.681	
Jan. 1885	10 10 10	2 2 1	M M M	2. 50 2. 75 3. 00	44 45 44 45	Jan. 1889	10 10 10	2 1 1	M M M	2.50 2.75 3.00	11 11 11 11
Average	10	5	M	2.70	** **	Average	10	4	M	2. 681	66 66
July 1885	10 10 10	2 2 1	M M M	2.50 2.75 3.00	11 11	July 1889	10 10 10	3 1 1	M M M	2. 50 2. 75 3. 00	66 A6
Average	10	5	М	2.70	44 44	Average	10	5	М	2, 65	65 64
Jan. 1886	• 10 10 10	2 2 1	- M M M	2. 50 2. 75 3. 00	11 11	Jan. 1890	10 10	3	M	2. 50 2. 75	11 11
Average		5		2, 70	** **	Average	10	4	M	2.563	66 66
July 1886	10 10 10	2 2 1	M M M	2. 50 2. 75 3. 00	66 66	July 1890	10 10 10	2 1 1	M M M	2. 50 2. 75 3. 00	11 41
Average		5	м	2, 70		Average	10	4	М	2.681	** **
Jan. 1887	10 10 10	2 2 1	M M M	2.50 2.75 3.00	16 66 66 66	Jan. 1891	10 10 10	2 1 1	M M M	2. 50 2. 75 3. 00	11 44
Average	10	5	м	2, 70	. 66 65	Average	10	4	M	2. 681	44 14
July 1887	10 10 10	2 2 1	M M M	2. 50 2. 75 3. 00	46 61 64 66 66 66	July 1891	10 10 10	1 1 1	M M M	2. 50 2. 75 3. 00	44 44
Average		5	м	2.70		Average	10	3	M	2.75	44 64

				В	BLAC	KSM	LTI	IS' HI	ELPE	RS.					
Jan. 1840 July 1840 July 1841 July 1841 July 1842 July 1842 July 1842 July 1843 Jan. 1844 July 1845 July 1846 July 1846 July 1846 July 1846 July 1848 July 1848 July 1848 July 1848 July 1848 July 1848 July 1848 July 1848 July 1848 July 1848 July 1848 July 1848 July 1848 July 1848 July 1849 July 1850 July 1850 July 1850	10 10 10 10 10 10 10 10 10 10 10 10 10	111111111111111111111111111111111111111	M 1 1 1 1 1 1 1 1 1	373 371 371 25 25 25 25 25 25 25 25 25 25 25 371 371 371 371 371	per	day	-1	Jan. July Jan. July Jan. July Jan. July Jan. July Jan. July Jan. July Jan. July Jan. July Jan. July Jan. July Jan. July Jan. July Jan.	1852 1852 1853 1853 1854 1855 1856 1856 1856 1857 1857 1858 1859 1860 1860 1861 1861 1862 1863	10 10 10 10 10 10 10 10	3 1 3 2 2 3 2 2 2 2 2 2 2 2 3 3 3 2 2 4 4 3 3 3 6 5 6 6 5 5	M M M M M M M M M M M M M M M M M M M	$\begin{array}{c} 1,12\frac{1}{2}\\ 1,12\frac{1}$	46 44 46 46 46 46 46 46 46 46 46 46 46 4	day.
July 1851	10	3	T T	12		.,	- 1	i o niy	1863.	10	5	M	1.75		

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK-Continued.

BLACKSMITHS' HELPERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of	wages.
Jan. 1864 July 1864 Jan. 1865	10 10 10	5 5 4	M M M	\$1,50 1,75 2,00	per	day.	July 1884	10 10	4	M M	\$2.00 2.25	per	day.
July 1865 Jan. 1866	10 10	5 5	M	2.00	11	11	Average	10	5	M	2.05	11	44
July 1866 Jan. 1867	10	5 6	M	2.00	**	66	Jan. 1885	10	4	М	2,00	"	46
July 1867	10 10	5	M	2, 25 2, 25	"	44		10		M.	2. 25		
Jan. 1868 July 1868	10	4	M	2. 25	11	(1	Average	10	5	M	2.05	11	44
Jan. 1869 July 1869	10 10	5 5	M	2. 25 2. 25	1.1	4.6	July 1885	10 10	4 1	M M	$2.00 \\ 2.25$	66	"
Jan. 1870 July 1870	10 10	6 6	M	2. 25 2. 25	**	66	Average	10	5		2. 05		44
Jan. 1871 July 1871	10 19	5 6	M M	2. 25 2. 25	1.6	44	Jan. 1886	10	4	M	2. 00	44	41
Jan. 1872 July 1872	10 10	5 5	M M	2. 25 2. 50	"	6.6		10	î	M	2. 25	66	**
Jan. 1873 July 1873	10 10	5 6	M M	2. 50 2. 50	11	64	Average	10	5	M	2.05	44	16
Jan. 1874 July 1874	10	5	M	2. 50 2. 50	"	11	July 1886	10 10	4	M M	2. 00 2, 25	44	"
Jan. 1875 July 1875	10	5	M	2. 50 2. 50	"	4.6							**
Jan. 1876	10	5	M	2.50	"	44	Average	10	5	M	2.05		
July 1876 Jan. 1877	10 10	5 4	M	$\frac{2.50}{2.50}$		-6.6	Jan. 1887	10 10	1	M	2.00 2.25	4.6	**
July 1877 Jan. 1878	10 10	4	M	2 50 2.50	**	66	Average	10	5	М	2.05	4.4	46
July 1878 Jan. 1879	10 10	4	M M	2, 25 2, 25	**	6.6	July 1887	10	4	м	2.00	4.6	**
July 1879 Jan. 1880	10. 10	4	M	2.00	**	44		10	1	М_	2, 25	44	11
July 1880 Jan. 1881	10 10	4	M	2.00	4.6	Average	10	5	M	2.05	4.6	**	
July 1881 Jan. 1882	10 10	4 4	M	2.00 2.00	11	14	Jan. 1888	10 10	2	M M	2.00 2.25	"	44
July 1882	10	4	M	2, 00		6.6	Average	10	3		2.081	"	4.6
Jan. 1883	10 10	4 2	M M	$\frac{2.00}{2.25}$	**	41 -	July 1888	10	2	м	2.002	4.6	4.6
Average	10	6	M			44	July 1000	10	ĩ	M	2. 25	4.6	4.6
				2.081		44	Average	10	3	M	$2.08\frac{1}{2}$	"	4.6
July 1883	10 10	4 1	M M	2. 00 2. 25	64	44	Jan. 1889	10	2	М	2.00	64	64
Average	10	5	M	2. 05	44	44	July 1889 Jan. 1890	10 10	2 2	M M	2.00	6.6	4.6
Jan. 1884	10	4	м	2.00	44	44	July 1890 Jan. 1891	10 10	3 4	M M	2.00 2.00	**	11
	10	1	М	2, 25	44	44	July 1891	10	3	М	2.00	4.6	"
Average	10	5	М	2.05	46	44			ĺ				
						BRICKI	LAYERS.						

								_						
Jan. 1840 July 1840 Jan. 1841	10 10 10	1 1	M M M	1. 75 1, 75 1. 50	per	day.	July 1845 Jan. 1846		3 1	M M	2. 00 2. 00	per	day.	
July 1841	10 10 10	7	M	1. 62½ 1. 75		41	July 1846	10 10	5 2	M M	$1.75 \\ 2.00$	4 6	16	
	10	1 2	M	2.50	1.6	4.6	Average	10	7	M	1.82	4.6		
Average	10	10	M	1.81	44	44	Jan. 1847	10	1	M	1.75	66	44	
Jan. 1842	10	1	M	1,50	6.6	**		10	1	M	2.00		•••	,
July 1842 Jan. 1843	10 10 10	1 1	M	2.50 2.50	44	44	Average	10	2	M	1.871	6.6	4.4	
July 1843 Jan. 1844	10	1	M	2, 50 2, 50	11	66	July 1847	10	1	M. M.	2.00	44	"	
July 1844 Jan. 1845	10	1	M M	2.50 2.50	**	66	Jan. 1848 July 1848	10 10		M	2.00 1.75		44	

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK—Continued. BRICKLAYERS—Continued.

Payrol Hours Order Payrol Hours Order Payrol Order Order Payrol Order Order Payrol Order												· · · · · · · · · · · ·	4	
Average 10		per		Sex.	Rate	of	wages.	Payroll of—	per	Different	Sex.	Rate	of	wage
July 1849	Jan: 1849		1 1	М	\$1.75 2.00	per	day.	Jan. 1860				\$2.00 2.75	per	day.
Average 10	Average	10	2	М	1.871		4.6	Average	10	7	м	$2.10\frac{1}{2}$	41	"
Jan. 1856	July 1849				$\frac{1.87\frac{1}{2}}{2.00}$			July 1860						
Jan. 1855 10 1 M 2 200 1 1 M 2 205 1 1 1 M 2 205 1 1 1 1 M 2 205 1 1 1 M 2 205 1 1 1 M 2 205 1 1 1 M 2 205 1 1	Average	10	10	М	1.90	4.6	44	Average	10	26	M	2.04	4.6	41
July 1851 10	July 1850	10	1	M	2.00	6.6	6.6	Jan. 1861				2.00 2.50		
July 1852	July 1851	10	10	M	2.00			Average	10	11	M	2.041	44	**
Average 10 6 M 1.96 " " Average 10 15 M 2.03 " " Average 10 15 M 2.03 " " Average 10 1 M 2.50 " " Average 10 1 M 2.50 " " Average 10 1 M 2.50 " " Average 10 1 M 2.50 " " Average 10 1 M 2.50 " " Average 10 1 M 2.50 " " Average 10 1 M 2.50 " " Average 10 1 M 2.50 " " Average 10 1 M 2.50 " " Average 10 1 M 2.50 " " Average 10 1 M 2.50 " " Average 10 1 M 2.50 " " Average 10 1 M 2.50 " " Average 10 1 M 2.50 " " Average 10 1 M 2.50 " " Average 10 2 M 2.25 " " Average 10 2 M 2.25 " " Average 10 2 M 2.25 " " Average 10 2 M 2.25 " " Average 10 2 M 2.50 " " Average 10 3 M 2.00 " " Average 10 2 M 2.50 " " Average 10 3 M 2.00 " " Average 10 3 M 2.00 " " Average 10 3 M 2.00 " " Average 10 4 M 2.50 " " Average 10 4 M 2.50 " " Average 10 4 M 2.50 " " Average 10 4 M 2.50 " " Average 10 4 M 2.50 " " Average 10 2 M 2.50 " " Average 10 3 M 2.00 " " Average 10 3 M 2.00 " " Average 10 3 M 2.00 " " Average 10 4 M 3.50 " " Average 10 5 M 2.00 " " Average 10 5 M 2.00 " " Average 10 5 M 2.00 " " Average 10 5 M 2.00 " " Average 10 5 M 2.00 " " Average 10 5 M 2.00 " " Average 10 7 M 3.00 " " Average 10 1 M 2.50 " " Average 10 4 M 3.50 " " Average 10 1 M 2.50 " " Average 10 1 M 3.00 " " Average 10 1 M 2.50 " " Average 10 1 M 3.00 " " Average 10 1 M 2.50 " " Average 10 1 M 3.00 " " Average 10 1 M 3.00 " " Average 10 1 M 3.00 " " Average 10 1 M 3.00 " " Average 10 1 M 3.00 " " Average 10 1 M 3.00 " " Average 10 1 M 3.00 " " Average 10 1 M 3.00 " " Average 10 1 M 3.00 " " Average 10 1 M 3.00 " " Average 10 1 M 3.00 " " Aver		10	1	М	1. 75			July 1861						
Jan. 1853	A women or o	ļ				44	44	Average	10	15	M	2.031	66	"
Jan. 1854 10 3 M 2.00 Average 10 11 M 2.04 July 1854 10 5 M 2.00 July 1862 10 3 M 2.00 Jun 1855 10 6 M 2.04 Average 10 4 M 2.12½ July 1855 10 1 M 2.00 Jan. 1863 10 1 M 2.00 Average 10 2 M 2.12½ Average 10 1 M 2.50 July 1855 10 1 M 2.00 Average 10 2 M 2.25 Jan. 1856 10 2 M 2.00 Average 10 2 M 2.50 July 1856 10 2 M 2.06½	Jan. 1853	10	6	м	2.00	11	66	Jan. 1862						
Jan. 1855 10 5 M 2.00 1 July 1862 10 1 M 2.00 1 Average 10 6 M 2.04 1 Average 10 1 M 2.00 1 July 1855 10 1 M 2.00 1 1 M 2.00 1 Average 10 2 M 2.12½ 1 M 2.50 1 Jan. 1856 10 3 M 2.00 1 July 1863 10 1 M 2.50 1 Average 10 4 M 2.06½ 1 Average 10 2 M 2.50 1 July 1856 10 2 M 2.00 1 Average 10 2 M 2.00 1 July 1857 10 3 M 2.00 1 Average 10 4 M 2.50 1	Jan. 1854	10	3	·M	2.00			Average	10	11	м	2.041	11	44
Average 10 6 M 2.04 " " Average 10 4 M 2.12½ " " Average 10 1 M 2.00 " " Average 10 2 M 2.12½ " " Average 10 2 M 2.25 " " Average 10 1 M 2.00 " " Average 10 2 M 2.25 " " Average 10 2 M 2.25 " " Average 10 2 M 2.25 " " Average 10 2 M 2.25 " " Average 10 2 M 2.50 " " Average 10 2 M 2.50 " " Average 10 2 M 2.50 " " Average 10 2 M 2.75 " " Average 10 2 M 2.75 " " Average 10 2 M 2.75 " " Average 10 3 M 2.00 " " Average 10 2 M 2.50 " " Average 10 2 M 2.50 " " Average 10 2 M 2.50 " " Average 10 2 M 2.50 " " Average 10 2 M 2.50 " " Average 10 2 M 2.50 " " Average 10 3 M 2.00 " " Average 10 4 M 2.50 " " Average 10 4 M 2.50 " " Average 10 4 M 2.50 " " Average 10 4 M 2.50 " " Average 10 4 M 2.50 " " Average 10 4 M 2.50 " " Average 10 5 M 2.00 " " July 1864 10 1 M 2.50 " " Average 10 4 M 2.50 " " Average 10 5 M 2.00 " " July 1865 10 2 M 2.50 " " Average 10 5 M 2.00 " " July 1865 10 2 M 3.00 " " Average 10 5 M 2.00 " " Average 10 5 M 2.00 " " Average 10 5 M 2.00 " " Average 10 5 M 2.00 " " Average 10 5 M 2.00 " " Average 10 5 M 3.00 " " Average 10 5 M 2.00 " " Average 10 5 M 2.00 " " Average 10 5 M 3.00 " " Average 10 5 M 2.00 " " Average 10 5 M 2.00 " " Average 10 5 M 3.00 " " Average 10 5 M 3.00 " " Average 10 5 M 2.00 " " Average 10 5 M 3.00 " " Average 10 5 M 3.00 " " Average 10 5 M 3.00 " " Average 10 5 M 3.00 " " Average 10 5 M 3.00 " " Average 10 5 M 3.00 " " Average 10 5 M 3.00 " " Average 10 5 M 3.00 " " Average 10 5 M 3.00 " " Average 10 5 M 3.00 " " Average 10 5 M 3.00 " " Average 10 5 M 3.00 " " Average 10 5 M 3.00 " " Average 10 5 M 3.00 " " Average 10 7 M 4.00 "	_	10	5	м	2.00	61		July 1862			M M			
July 1855 10 1 M 2.00 Jan. 1863 10 1 M 2.00 Average 10 2 M 2.12½ Average 10 2 M 2.25 Jan. 1856 10 3 M 2.00 July 1863 10 1 M 2.55 Average 10 4 M 2.06½ Average 10 2 M 2.00 July 1856 10 2 M 2.00 Jan. 1864 10 2 M 2.25 Average 10 3 M 2.00 Jan. 1864 10 2 M 2.25 July 1857 10 3 M 2.00 Jan. 1865 10 1 M 2.50 July 1857 10 3 M 2.00 <td< td=""><td>A versoe</td><td></td><td></td><td></td><td></td><td>6.5</td><td>**</td><td>Average</td><td>10.</td><td>4</td><td>М.</td><td>2. 12½</td><td>11</td><td></td></td<>	A versoe					6.5	**	Average	10.	4	М.	2. 12½	11	
Average 10 2 M 2.12½ " " Average 10 2 M 2.25 " " Average 10 3 M 2.00 " " Average 10 2 M 2.56 " " Average 10 2 M 2.25 " " Average 10 2 M 2.25 " " Average 10 2 M 2.75 " " Average 10 2 M 2.25 " " Average 10 2 M 2.75 " " Average 10 2 M 2.75 " " Average 10 3 M 2.08½ " " Average 10 4 M 2.50 " " Average 10 4 M 2.50 " " Average 10 4 M 2.50 " " Average 10 4 M 2.50 " " Average 10 4 M 2.50 " " Average 10 5 M 2.00 " " Average 10 5 M 2.00 " " Average 10 5 M 2.00 " " Average 10 5 M 2.50 " " Average 10 5 M 2.50 " " Average 10 5 M 2.50 " " Average 10 5 M 2.00 " " Average 10 5 M 2.00 " " Average 10 5 M 2.00 " " Average 10 5 M 2.00 " " Average 10 5 M 2.00 " " Average 10 5 M 2.50 " " Average 10 5 M 2.50 " " Average 10 5 M 2.50 " " Average 10 5 M 2.50 " " Average 10 5 M 2.50 " " Average 10 5 M 2.50 " " Average 10 5 M 2.50 " " Average 10 5 M 2.00 " " Average 10 5 M 2.50 " " Average 10 5 M 2.50 " " Average 10 5 M 2.50 " " Average 10 5 M 2.50 " " Average 10 5 M 2.50 " " Average 10 5 M 2.50 " " Average 10 5 M 2.50 " " Average 10 5 M 2.50 " " Average 10 5 M 2.50 " " Average 10 5 M 2.50 " " Average 10 5 M 2.50 " " Average 10 5 M 2.50 " " Average 10 5 M 2.50 " " Average 10 5 M 2.50 " " Average 10 5 M 2.50 " " Average 10 3 M 4.00 " " Average 10 5 M 2.50 " " Average 10 5 M 4.00 " " Average 10 5 M 4.00 " " Average 10 5 M 4.00 " " Average 10 5 M 4.00 " " Average 10 5 M 4.00 " " Average 10 5 M 4.00 " " Average 10 5 M 2.50 " " Average 10 5 M 4.00 " " Average 10 5 M 4.00 " " Average 10 5 M 4.00 " " Average 10 5 M 4.00 " " Average 10 5 M 4.00 " " Average 10 5 M 4.00 " " Average 10 5 M 4.00 " " Average 10 Average 10 5 M 4.00 " " Average 10 5 M 4.00 " " Average 10 5 M 4.00 " " Average 10 5 M 4.00 " " Average 10 5 M 4.00 " " Average 10 5 M 4.00 " " Average 10 5 M 4.00 " " Average 10 5 M 4.00 " " Average 10 5 M 4.00 " " Average 10 5 M 4.00 " " Average 10 5 M 4.00 " " Average 10 5 M 4.00 " " Average 10 5 M 4.00 " " Average 10 5 M 4.00 " " Average 10 5 M 4.00 " " Average 10 5 M 4.00 " " Average 10 5 M 4.00 " " Average 10 5 M 4.00 " " Average 10 5 M 4.		10	1	М	2.00			Jan. 1863				2.00 2.50		
Jan. 1856 10 3 M 2.00 M 2.25 M 2.00 M 2.25 M 3.00	Average					4.6	44	Average	10	2	M	2. 25	* (44
Average 10 4 M 2.06½ " " Jan. 1804 10 2 M 2.75 " " Average 10 2 M 2.75 " " Average 10 3 M 2.00 " " July 1804 10 1 M 2.50 " " July 1807 10 1 M 2.50 " " Average 10 3 M 2.00 " " July 1807 10 1 M 2.50 " " Average 10 3 M 2.00 " " July 1808 10 1 M 2.50 " " July 1808 10 3 M 3.50 " " July 1808 10 1 M 2.50 " " July 1808 10 3 M 4.00 " " July 1809 10 3 M 4.00 " " July 1809 10 3 M 4.00 " " July 1809 10 3 M 4.00 " " Average 10 5 M 2.00 " " July 1808 10 3 M 4.00 " " July 1809 10 3 M 4.00 " " Jul	_	10	3	M	2.00			July 1863						
July 1856 10 2 M 2.00 " Jan. 1804 10 2 M 2.25 " Average 10 2 M 2.75 " Average 10 2 M 2.75 " " Jan. 1857 10 1 M 2.00 " July 1804 10 1 M 2.50 " July 1804 10 1 M 2.50 " " July 1857 10 3 M 2.00 " Jan. 1865 10 2 M 2.50 " " Average 10 4 M 2.12½ " Average 10 3 M 2.66½ " " Jan. 1858 10 4 M 2.00 " July 1866 10 3 M 3.00 " Average 10 5 M 2.10 " July 1866 10 5 M 3.25	Average					**	44	Average	10	2	M	2.75	44	44
Average 10 3 M 2.08½ " " July 1864 10 1 M 2.50 " " July 1857 10 3 M 2.00 " " Average 10 3 M 2.00 " " July 1858 10 4 M 2.50 " " July 1865 10 3 M 3.00 " " July 1858 10 5 M 2.10 " " July 1866 10 5 M 2.50 " " July 1858 10 5 M 2.00 " " July 1858 10 5 M 2.00 " " July 1858 10 5 M 2.00 " " July 1858 10 5 M 2.00 " " July 1858 10 3 M 4.00 " " July 1859 10 3 M 4.00 " " July 1859 10 5 M 2.00 " " July 1868 10 3 M 4.00 " " July 1859 10 5 M 2.00 " " July 1868 10 3 M 4.00 " " July 1859 10 5 M 2.00 " " July 1868 10 3 M 4.00 " " July 1859 10 5 M 2.00 " " July 1868 10 3 M 4.00 " " July 1859 10 3 M 4.00 " " July 1859 10 5 M 2.00 " " July 1868 10 3 M 4.00 " " July 1859 10 3 M 4.00 " " July 1859 10 5 M 2.00 " " July 1868 10 3 M 4.00 " " July 1859 10 3 M 4.00	•	10	2	М	2.00		• •	Jan. 1864		2 2		2. 25 2. 75		
Jan. 1857 10 1 M 2.00 " July 1864 10 1 M 2.50 " Jan. 1865 10 1 M 2.50 " Jan. 1865 10 2 M 2.50 " Jan. 1868 10 2 M 2.50 " " Average 10 4 M 2.12½ " Average 10 3 M 2.66½ " " Jan. 1858 10 4 M 2.00 " July 1865 10 7 M 3.00 " " Average 10 5 M 2.10 " July 1866 10 5 M 3.25 " " July 1858 10 8 M 1.75 " Average 10 9 M 3.36 " Average 10 14 M 1.89½ " Jan. 1867 10 2 M 4.00	Average				,		**	Average	10	4	M	2.50		
July 1857 10 3 M 2.00 " Jan. 1865 10 2 M 2.50 " Average 10 1 M 2.50 " Average 10 1 M 2.60 " Average 10 3 M 2.60 " " Jan. 1858 10 4 M 2.00 " " July 1865 10 7 M 3.00 " " Average 10 5 M 2.10 " July 1866 10 3 M 3.25 " " July 1858 10 8 M 1.75 " Average 10 9 M 3.36 " " July 1858 10 8 M 1.75 " July 1867 10 9 M 3.36 " Average 10 14 M 1.89½ " July 1867 10 2 M	_	10	1	м		4.6	44	July 1864	10	1	M	2.50		
Average 10 4 M 2.12½ " " July 1865 10 7 M 3.00 " " " Average 10 5 M 2.50 " " July 1866 10 5 M 3.25 " " July 1858 10 5 M 3.50 " " July 1858 10 5 M 2.00 " " July 1866 10 5 M 3.50 " " July 1858 10 5 M 2.00 " " July 1867 10 2 M 3.50 " " July 1867 10 3 M 4.00 " " July 1859 10 3 M 2.00 " " July 1868 10 3 M 4.00 " " July 1859 10 3 M 2.00 " " July 1868 10 3 M 4.00 " " July 1868 10 3 M 4.00 " " July 1868 10 3 M 4.00 " " July 1859 10 3 M 4.00 " " " July 1859 10 3 M 4.00 " " July 1859 10 3 M 4.00 " " July 1859 10 3 M 4.00 " " July 1859 10 3 M 4.00 " " July 1859 10 3 M 4.00 " " July 1859 10 3 M 4.00 " " July 1859 10 3 M 4.00 " " July 1859 10 3 M 4.00 " " July 1859 10 3 M 4.00 " " July 1859 10 3 M 4.00 " " July 1859 10 3 M 4.00 " " July 1859 10 3 M 4.00 " " " July 1859 10 3 M 4.00 " " July 1859 10 3 M 4.00 " " July 1859 10 3	July 1857				2.00 2.50			Jan. 1865				3.00	44	11
Jan. 1858 10 4 M 2.00 " Jan. 1866 10 3 M 3.00 " Average 10 5 M 2.10 " July 1866 10 3 M 3.00 " " July 1858 10 8 M 1.75 " Average 10 9 M 3.50 " " July 1858 10 8 M 1.75 " Average 10 9 M 3.36 " " Average 10 14 M 1.89½ " Jan. 1867 10 2 M 3.50 " July 1867 10 2 M 3.50 " July 1867 10 2 M 3.50 " July 1867 10 2 M 3.50 " July 1868 10 3 M 4.00 " July 1869 10 3 M 4.00 " July 1869 <t< td=""><td>Average</td><td>10</td><td>4</td><td>M</td><td>2. 121</td><td>6.4</td><td>66</td><td>Average</td><td>i</td><td>3</td><td>М</td><td>2, 661</td><td>_</td><td></td></t<>	Average	10	4	M	2. 121	6.4	66	Average	i	3	М	2, 661	_	
Average 10 5 M 2, 10 " July 1866 10 5 M 3, 25 " " July 1858 10 8 M 1.75 " Average 10 9 M 3.36 " " Location 10 1 M 2.00 " Jan. 1867 10 2 M 3.50 " " Jan. 1859 10 1 M 1.89½ " Jan. 1868 10 3 M 4.00 " " Jan. 1859 10 2 M 1.75 " Jan. 1869 10 3 M 4.00 " " Average 10 3 M 2.00 " July 1869 10 3 M 4.00 " Average 10 6 M 2.00 " July 1869 10 3 M 4.00 " " Average	Jan. 1858							July 1865 Jan. 1866	10 10	7 3			11	44
Average 10 14 M 1.89½ " " Jan. 1868 10 3 M 4.00 " " July 1859 10 3 M 4.00 " " Average 10 10 M 2.50 " " July 1869 10 3 M 4.00 " " July 1859 10 3 M 4.00 " " Average 10 6 M 2.00 " " Average 10 5 M 2.00 " " July 1869 10 3 M 4.00 " " July 1859 10 3 M 4.00 " " " July 1859 10 3 M 4.00 " " " July	Average	10	5	м	2, 10	6.6		July 1866						
Average 10 14 M 1.89½ " " July 1869 10 3 M 4.00 " " Average 10 6 M 2.00 " " July 1859 10 3 M 4.00 " " July 1859 10 8 M 1.75 " " July 1869 10 3 M 4.00 " " Average 10 6 M 2.00 " " Average 10 5 M 2.00 " " July 1859 10 3 M 4.00 " " July 1859 10 8 M 1.75 " " Average 10 7 M 4.57 " " July 1859 10 3 M 2.00 " " July 1859 10 3 M 4.00 " " July 1859 10 3 M 4.00 " " July 1859 10 3 M 4.00 " " Average 10 7 M 4.57 " "	July 1858	10	5	M	2.00	4.8	4.6	11	i	1				
Jan. 1859 10 2 M 1.75 " " July 1868 10 4 M 4.00 " " 10 3 M 2.00 " " July 1869 10 3 M 4.00 " " Average 10 6 M 2.00 " " July 1869 10 3 M 4.00 " " July 1859 10 8 M 1.75 " " Average 10 7 M 4.57 " " 10 5 M 2.00 " " Jan. 1870 10 3 M 4.00 " " 10 1 M 2.50 " " July 1870 10 3 M 4.00 " " 10 1 M 2.50 " " July 1870 10 3 M 4.00 " " 10 1 M 2.50 " " July 1870 10 3 M 4.00 " "	.		'					July 1867	10	3	M	4.00	#	44
Average 10 6 M 2.00 " " July 1869 10 3 M 4.00 " " Average 10 5 M 2.00 " " Average 10 5 M 2.00 " " July 1869 10 3 M 4.00 " " Average 10 5 M 2.00 " " July 1869 10 3 M 4.00 " " Average 10 5 M 2.00 " " Jan. 1870 10 3 M 4.00 " " Jan. 1870 10 3 M 4.00 " " Jan. 1871 10 3 M 4.00 " " Jan. 1871 10 3 M 4.00 " " Jan. 1871 10 3 M 4.00 " "	Ŭ				_			July 1868	10	4	M	4.00	66	64
Average 10 6 M 2.00 " Average 10 4 M 5.00 July 1859 10 8 M 1.75 " Average 10 7 M 4.57 " 10 5 M 2.00 " Jan. 1870 10 3 M 4.00 " 10 1 M 2.50 " July 1870 10 3 M 4.00 " 4 M 1.00 M 4.00 " "	эан. 1839	10	3	\mathbf{M}	2.00	**	11		10	3	M	4.00		11
July 1859 10 8 M 1.75 " Average 10 7 M 4.97 10 5 M 2.00 " " Jan. 1870 10 3 M 4.00 " 10 1 M 2.50 " July 1870 10 3 M 4.00 " 10 3 M 4.00 " " 3 M 4.00 "	Average	10	6	М	2.00	**	44				'.			
10 1 M 2.50 " " July 1870 10 3 M 4.00 " " July 1870 10 3 M 4.00 " " July 1871 10 3 M 4.00 " "	July 1859									1				
Jan. 1871 10 3 M 4.00			1	M	$\frac{2.00}{2.50}$			July 1870	10	3	M	4, 00	44	16
	≜ verage	10	14	M	1.891	44	**							

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK—Continued.

BRICKLAYERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex	Rate	of v	vages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jau. 1872 July 1872	10 10	3 3	M M	\$4.00 4.50	per	day.	July 1882 Jan. 1883	10 10 10	5 1 6	M M	\$3, 50 4, 00	per	day.
Tan. 1873	10 10	3 2	M M	4.50 5.00	11	11	July 1883 Jan. 1884 July 1884	10 10	2	M M M	3.50 3.50 3.50	11	44
Average	10	5	М	4.70	11	**	Jan. 1885 July 1885 Jan. 1886	10 10 10	. 1	M M M	3, 50 3, 50 3, 50	44	"
uly 1873 an. 1874 uly 1874	10 10 10	3 5 3	M M M	4.50 4:50 4.50	14	44 44	July 1886 Jan. 1887	10 10	1 2	M	3, 50 3, 50	11	**
an. 1875	10	3	M	4,00		44	July 1887	10 10	1	M M	3, 50 4, 00	**	44
uly 1875	10 10	1 3	M	3. 50 4. 00	41		Average	10	2	M	3. 75	11	14
Average	10 10	1	M M	3.87½ 3.00			Jan. 1888	10 10 10	3 1 1	M M M	3. 50 3. 75 4. 00		"
	10	3	M	4, 00		"	Average	10	, 5	M	3, 65	"	44
Average July 1876	10 10 10	1 1	M M	3. 66 <u>1</u> 3. 00 4. 00	64	16	July 1888	10 10 10	6 I 1	M M M	3. 50 3. 75 4. 00	64 64	11
Average	10	2	м	3. 50		14	Average	10	8	M	3. 591	- 11	**
Tan. 1877	10 10	. 1	M M	3.00 4.00	11	44	Jan. 1889	10 10	1 1	M M	3.50 4.00	11	16
Average	10	2	M	3.50	"	64	Average	10	2	M	3.75		44
uly 1877	10 10	2 1	M	3, 00 4, 00	14	44	July 1889	10 10	1	M M	3. 50 4. 00	6 4 6 4	11
Average	.10	3	M	3.33	4.4	ţt	Average	10	, 5	M	3. 60	11	44
fan. 1878	10 10	1	M M	3.00 4.00	41	44	Jan. 1890	10 10 10	. 2 1 1	M M M	3.50 3.75 4.00	11	44 44
Average	1	2	M	3.50	44	44	Average	10	4	М	3.68		1.4
uly 1878	10 10	2	M	2, 50 3, 00	. "	**	July 1890	10 10	4 1	M M	3.50	11	11
Average	10	3	M	2. 66	•		Average		5	М	3. 60		"
fan. 1879	10 10	1	M	2, 50 3, 00	- 41	16	Jan. 1891	10 10	3	M M	3. 50 3. 75	11	
Average		4	M	2. 62	"	44		10	1	M	4,00	- 44	
July 1879 Jan. 1880 July 1880 Jan. 1881	10 10	1 1 4 1	M M M	2.75 2.75 2.75 2.75	66	66	July 1891	10 10 10	5 4 1	M M M	3. 65 3. 50 4. 00	11	66
fan. 1881 July 1881 Jan. 1882	10 10 10	4 4	M	3. 00 3. 50	44	4.6	Average		5	M	3. 60		44

BRICKLAYERS' HELPERS.

Jan. 1840 July 1840 Jan. 1841 July 1841 Jan. 1842 July 1842 Jan. 1843 July 1843 July 1844 Jan. 1844 Jan. 1844	10 10 10 10 10 10 10 10 10 10	1 1 1 1 1 1 1 1	M M M M M M M M	1. 12½ · · · · · · · · · · · · · · · · · · ·	lay.	July 1845 Jan. 1846 July 1846 Jan. 1847 July 1847 Jan. 1848 July 1848 Jan. 1849 July 1849 Jan. 1850 July 1850	10 10 10 10 10 10 10 10 10	1 1 1 1 1 1 1 1	M M M M M M M M M M	1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25	# 64 46 46 46 46 46 46 46	day.	4

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK—Continued, BRICKLAYERS' HELPERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1851 July 1851 Jan. 1852	10 10 10	1 1 1	M M M	\$1. 12½ 1. 25 1. 25	11	4.4	Jan. 1860	10 10	2 1	M M	\$1.25 1.50	per	day.
July 1852	10	1	M	1. 25	4.6	44	Average	10	3	M	1. 331	44	13
Jan. 1853	10 10	1	M M	1. 25 1. 50	66	44	July 1860	10 10	3	M	1.25 1.75	14	16 16
Average	10	2	M	1.371		**	Average	10	4	M	1.371	44	н
July 1853	10 10	$\frac{2}{1}$	M M	1. 25 1. 50	**	4.6	Jan. 1861	10 10	3 1	M M	1. 25 1. 75	11	11
Average	10	3	М	1.331	4.6	6.6	Average	10	4	M	1.371	11	44
Jan. 1854	10 10	2 1	M M	1. 25 1. 50	44	44	July 1861	10 10	. 4 1	M M	1. 25 1. 75	11	11
Average	10	8	м	1.331	4.5		Average	10	5	M	1.35	16	н
July 1854	10 10	2 1	M M	1. 25 1. 50	11	44	Jan. 1862	10 10	4 1	M M	1. 25 1, 75	66 66	1L
Average	10	3	м	1. 33½	4.6		Average	10	5	м	1. 35	"	11
Jan. 1855	10 10	1 1	M M	1. 25 1. 50	"	44	July 1862	10 10	3	M M	1. 25 1. 75	"	"
Average	10	2	M	1.371	4.6	**	Average	10	4	M	1. 371	"	"
July 1855	10 10	1	M M	1. 25 1. 50	64	44	Jan. 1863	10 10	2 1	M M	1.50 1.75	11	11 11
Average	10	2	M	1.371	4.6	44	Average	10	3	_Т	1.581	11	41
Jan. 1856	10 10	2 1	M M	1. 25 1. 50	66	**	July 1863 Jan. 1864	10 10	4 2	M M	1.75 1.75	"	16 61
Average	10	3	M	1. 331	4.6	44	July 1864 Jan. 1865	10 10	$\frac{2}{2}$	M M	1.75 2.00	11	\$4 **
July 1856	10	2	M	1. 25	6.6	64	July 1865 Jan. 1866	10 10	6 3	M M	2.00 2.00	11	14 44
	10	1	M	1.50		4.6	July 1866 Jan. 1867	10 10	5	M M	$\frac{2.00}{2.00}$	11	11
Average	10	, 3	M	$1.33\frac{1}{2}$	4.6	**	July 1867 Jan. 1868	10	$\begin{bmatrix} 2\\2\\2 \end{bmatrix}$	M	2. 00 2. 00	46	tt tt
Jan. 1857	10 10	1	M M	1. 25 1. 50	**	44	July 1868	10	3	M	2.00	11	11
.					44	44	Jan. 1869 July 1869	10 10	2 2 2	M M	2.00 2.00	61 66	"
Average	10	2	М	1. 37½			Jan. 1870 July 1870	10 10	2 2 2	M	2.00	и	11
July 1857	10 10	$\begin{bmatrix} 2 \\ 1 \end{bmatrix}$	M M	1. 25 1. 50	6.4	41	Jan. 1871 July 1871	10 10	2 2	M	2.00 -	6 E	u
Average	10	3	М	1. 331	44	14	Jan. 1872 July 1872	10 10	3	M	2.00 2.25	14	15 51
Jan. 1858	10	2	м	1. 25		LF.	Jan. 1873	10	2	М	2. 25	"	"
0 4421 1000	10	ī	M	1. 50	+ 6	4.6	July 1873	10	2	M	2.00 2.25	66 68	££
- Average	10	3	*M	1. 333	4.6	44		10	3	M	2, 15	44	"
July 1858	10 10	2	M M	$\frac{1.25}{1.50}$	44	46	Average Jan. 1874	10	5 3 -	M	2, 00	66	16 -
Average	10	3	М	1.331	44	**		10	2	M	2.25	"	16
Jan, 1859	10	3	м	1, 25	4.	44	Average	10	5	М	2. 10	"	
	10	i	M	1.50	44	44	July 1874	10 10	1 2	M M	2.00 2.25	44	
Ачегаде	10	4	М	1. 31½	44	**	Average	10	3	м	2. 161	46	16
July 1859	10 10	1	M	1. 25 1. 50	66	46	Jan. 1875	10 10	1 2	M M	2. 00 2. 25	16	46
Average	10	5	M	1.30	66	44	Average	10	3	M	2. 16	44	44

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK—Continued.

BRICKLAYERS' HELPERS-Concluded.

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Payroll of—	Hours per day:	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1875	10 10	2 2	M M	\$2,00 per day. 2,25	July 1882 Jan. 1883 July 1883	10 10 10	3 1 2	M M M	\$1, 50 per day, 1, 75 " "
Average	10	4	M	2. 12½ " "	Jan. 1884	10 10	2 2	M	1.75
Jan. 1876 July 1876	10 10	2 2	M	2. 25 " " " 2. 25 " " "	July 1884 Jan. 1885 July 1885	10 10	2 2 2 1 2	M M	1.75 " "
Jan. 1877 July 1877	10 10 10	2 2 2	M M M	2, 25 " " 2, 25 " " 2, 25 " "	Jan. 1886 July 1886 Jan. 1887	10 10 10	1 1	M M M	2.00 " " 2.00 " " 1.75 " "
Jan. 1878 July 1878 Jan. 1879	10 10	2 2 3	M	2.00 " "	July 1887 Jan. 1888	10 10	1 1 3	M M	1. 75 " " " 2. 00 " "
July 1879 Jan. 1880	10 10	1 1	M	2.00 " "	July 1888 Jan. 1889	* 10 10	5 3	M M	2.00 " " 2.00 " "
July 1880 Jan. 1881	10	3 1 5	M M M	1.50 " " 1.50 " 1.50 " " 1.50 " " 1.50 " 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	July 1889 Jan. 1890	10	4 3 4	M M M	2.00 " " " 2.00 " "
July 1881 Jan. 1882	10 10 10	2	M	1.50 " " 1.75 " "	July 1890 Jan. 1891 July 1891	10 10 10	4	M M	2.00 " "
Average		3	M	1.58½ "			-		
				CARPE	INTERS.				
Jan. 1840 July 1840	10 10	1 1	M	1.50 per day. 1.50 " "	Jan. 1848	10 10	1 1	M M	1.50 per day. 2.00 " "
Jan. 1841 July 1841 Jan. 1842	10 10 10	1 1	M M M	1.75 " " 1.75 " " 1.75 " "	Average	10	2	M	1.75 ** **
July 1842 Jan. 1843 July 1843	10 10 10	1 1 1 1	M M M	1.75 " " 1.50 " " 1.50 " "	July 1848	10 10	1 1	M M	1.50 44 44 2.00 44
Jan. 1844	10 10	1 1	M M	1.50 " " 1.75 "	Average	10	. 2	М	1.75 " "
Average	10	2	М	1.621 "	Jan. 1849	10	1	M	1.50 " " "
Jul y 1844	10 10	1 1	M M	1.50 " " 1.75 " "	July 1849 Jan. 1850 July 1850 Jan. 1851	10 10 10 10	2 I 1	M M M	1.50 " " " " " " " " " " " " " " " " " " "
Average	10	2	М	1.62½ " "	July 1851 Jan. 1852	10 10	1 1 2	M M	1. 37 1 " "
Jan. 1845	10 10	1	M	1. 50 " " "	July 1852 Jan. 1853	10	2 2	M M	1.37½ " " 1.50 " " 1.75 " "
Average	10	2	M	1.621 " "	July 1853 Jan. 1854 July 1854	10 10 10	2 2	M M M	1.75 " "
July 1845	10 10	1	M M	1. 50 11 11	Jan. 1855 July 1855 Jan. 1856	10 10 10	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	M M M	1.75 " " " 1.75 " " 1.75 " " " " " " " " " " " " " " " " " " "
Average	10	2	М	1.621 "	July 1856	10	1	M	1.75 "
Jan. 1846	10 10	1	M	1. 50 " " "	Jan. 1857	10 10	1	M M	1.75 " " " 2.25 " "
Average	10	2	M	1.62½ " "	Average	10	3	M	1.911 " "
July 1846	10 10	1	M	1. 50 " " "	July 1857	10	2	M	1.75 " "
Average	10	2	м	1. 62½ "	Jan. 1858 July 1858 Jan. 1859	10 10 10	3 3 2	M M M	1.75 " "
Jan. 1847	10 10	2 1	M M	1.50 11 11 11 2.00 11 11	July 1859 Jan. 1860 July 1860	10 10 10	3 6 6	M M M	1.75 " " 1.75 " " 1.75 " "
Average	10	3	M	1.661 " "	Jan. 1861 July 1861	10	10	M	1.75 " "
July 1847	10 10	1 1	M M	1.50 " " " 2.00 " "	Jan. 1862 July 1862 Jan. 1863	10 10 10	9 6 4	M M M	1.75 " " " 1.75 " " 1.75 " " " " " " " " " " " " " " " " " " "
Average	10	2	М	1.75 " "	July 1863		4	M	2.50 " "

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK-Continued. CARPENTERS-Continued.

				C	ARI	PENTE	RS—Continu	ed.					
Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages
Jan. 1864	10 10	2	M M	\$2. 25 2. 50	Per	day.	Jan. 1873	10 10	1 3	M M	\$3.75 4.00	per	day.
Average	10	3	M	2. 331	4.6	7.	Average	10	4	M	3. 931	**	**
July 1864 Jan. 1865 July 1865 Jan. 1866	10 10 10 10	4 5 5 6	M M M M	2. 50 3. 00 3. 00 3. 00	6 6 6 6 6 6	61 66 64	July 1873 Jan. 1874 July 1874 Jan. 1875	10 10 10 10	4 4 3	M M M M	4.00 4.00 4.00 3.75	**	41 41 41
July 1866	10 10 10	3 4 1	M M M	3.00 3.25 3.50	51 11 5 11	6 6 6 6	July 1875	10 10	1 3	M	3.50 3.75	**	"
Average	10	8	M	3, 183		**	Average	10	4	M	3. 68½	14	11
Jan. 1867	10 10	<u>4</u> 5	M M	3. 00 3. 25	11	11	Jan. 1876	10 10	1 3	M M	3. 50 3. 75	46	11
Average	10	9	М	3.14			Average	10	4	М	3.684	6.6	**
July 1867	10 10	2	M M	3. 25 3. 50	61	44	July 1876	10 10	1 4	M	3. 00 3. 50	**	11
Average	10	5	M	3.40		11	Average	10	5	M	3.40	4.4	64
Jan. 1868	10 10	1 2	M M	3. 25 3. 50	"	11	Jan. 1877 July 1877 Jan. 1878	10 10 10	4 4	M M M	3.50 3.50 3.50	11 11	66 66
Avérage	10	3	м	3. 41 1		14	July 1878	10	8	M	2.75	6.6	ú
July 1868	10 10	1 3	M M	3. 25 3. 75	"	10	Average	10	1 4	M	3. 00 2. 813	44	11
Average	10	4	М	3. 62½	11	**	Jan. 1879	10	3	м	2. 75	**	44
Jan. 1869	10 10	1 4	M M	3. 25 3. 75	**	11	Average	10	1 4	M	2.811	**	11
Average	10	5	M	3. 65	4.8	64	July 1879	10	4	M	2. 50	**	"
July 1869	10 10	2 6	M M	3. 25 3. 75	41	11	Jan. 1880 July 1880 Jan. 1881	10 10 10	4 4 3	M M M	2. 50 2. 75 2. 75	**	4.6 4.4 4.4
Average	10	8	М	3.621	**	64	July 1881 Jan. 1882	10 10	3 3	M	2.75 2.75		44
Jan. 1870	10 10	1 6	M M	3. 25 3. 75	11	11	July 1882	10 10	2	M M	3.00 3.25	"	44 41
Аустаде	10	.7	М	3. 68	**	44	Average	10	3	м	3.081	44	**
July 1870	10 10	1 6	M	3. 25 3. 75	11	44	Jan. 1883	10 10	1	M M	3.00 3.25	11	66
Average	10	7	М	3, 68	**	44	Average	10	2	м	3. 121	**	44
Jan. 1871	10 10	1 4	M M	3. 25 3. 75	46	11	July 1883	10 10	1 1	M M	3.00 3.25	11	"
Average	10	5	М	3. 65	**	64 1	Average	10	2	M.	3. 121	46	44
July 1871	10 10	1 4	M M	3. 25 3. 75	44	11	Jan. 1884	10 10	1 1	M M	3.00 3.25	11	44 44

10

10

10

10

10

10

10

Average

Average

Average

Jan. 1885

July 1884

2 M 3. 121

2 M $3.12 \frac{1}{2}$

1 1 M M 3.00 3.25

M M 3.00 3.25

M | 3.121

M 3.65

3.621

13 M M 3. 25 3. 75

4 M

1 4 M M $\frac{3.75}{4.00}$

5 M 3, 95

Average

Jan. 1872

Average

Average

July 1872

10

10

10

10

10

10

10

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK-Continued.

CARPENTERS-Concluded.

Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of y	vages
July 1885	10 10	1	M M	\$3, 00 3, 25	per	day.	Jan. 1889	10	1	M M M	\$3.00 3.25	per	day.
Average	10	2	м	3. 121	4.6	**		10	4		3. 50		
Jan. 1886	10	1	M M	3, 00	46	14	Average	10	6	М	$3.37\frac{1}{2}$	41	41
Average	10	1 2	M	3. 25	41	"	July 1889	10 10	1	M	3. 00 3. 25	46	66
,			1	1 -	44	44		10	1	M	3. 50	**	**
July 1886	10 10	1 1	M	3. 00 3. 25	64	44	Average	10	3	M	3, 25	4	44
Average	10	2	M	$3.12\frac{1}{2}$	44	44	Jan. 1890	10 10	1 1	M	3.00 3.25	11	44
Jan. 1887	10 10	1	M M	3.00 3,25	**	44		10	î	M	3, 50	11	44
Average		2	м	3. 121	44	41	Average	10	3	M	3. 25	**	64
July 1887	10	1	м	3.00	44	**	July 1890	10	1	M	3.00 3.25	44	16
	10 10	1	M	3, 25 3, 50	44	**		10 10	1	M	3. 50	44	**
Average	10	3	М	3, 25	44	41	Average	10	3	M	3. 25	4.6	66
Jan. 1888	10	1	М	3.00	6.6	44	Jan. 1891	10	1	м	3.00	4.6	6.61
	10 10	1	M	3, 25 3, 50	14	14		10	1	M	3. 25	**	44
Average		3	M	3. 25	66	41	Average	10	2	М	3. 12½	"	44
v	10		м	3.00	44		July 1891	10	1	М	3.00	64	44
July 1888	10	1 1	M	3. 25	64	4.6		10	1	M M	3. 25 3. 50	44	64
	10	î	M	3.50	11	4.6	1	10		IMI			
Average	_ 10	3	M	3. 25	"	"	Average	10	3	М	3. 25	11	14

COKE WHEELERS.

Jan. 1868 July 1863	11 11	\ 40 40	M M	1.75 1.75	- 64	day.	Jan. 1879 July 1879	11 11	40 15	M M	2. 25 2. 00	per	day,
Jan. 1864	11	40 40	M M	1.75 2.00	66	44	Jan. 1880	11	10	M	1.75		44
July 1864 Jan. 1865	11	40	M	2, 25	64	41	9211. 1000	11	30	M	2,00	6.4	4.6
July 1865	ii	50	M	2. 25	4.6	41							
Jan. 1866	11	50	M	2. 25	4.6	64	Average	11	40	M	$1.93\frac{1}{2}$		4.6
July 1866	11	60	M	2.25	6.6	6.6	7		_		1		
Jan. 1867	11	60	M	2. 25	**	14	July 1880	11	.7	M	2.00	64	66
July 1867	11	40	M	2.35	11	66		1,1	20	M	2. 25	**	
Jan. 1268	11	60	M	2.35	44	44		11	27	м	2. 181	66	4.6
July 1868	11	40	M	2.35	16	**	Average	11	41	MI	2. 10g		
Jan. 1869	11 11	120	M. M	2.50 2.50		**	Jan. 1881	11	10	M	2.00	46	14
July 1869 Jan. 1870	11	80 80	M	2.50	- 11	44	9 411. 1001	11	25	M	2. 25	6.6	4.6
July 1870	11	40	M	2.50	44	66	- }						
Jan. 1871	11	90	M	2.50	64	4.6	Average	11	35	M.	2, 18	6.6	4.6
July 1871	11	60	M.	2.50	6.6	64							
Jan. 1872	11	100	M	2, 50	66	44	July 1881	1,1	7	M	2.00	6.6	44
July 1872	11	60	M	3, 50	4.4	4.6	-	11	15	М	2. 25	* *	44
Jan. 1873	11	120	M	3.50	4.6	**	lí . I				0.15	44	44
July 1873	11	70	M	3, 00	**	66	Average	1,1	22	M	2.17	••	•••
Jan. 1874	11	120	M	3.00	44	46	T 1000	1/1	8	м	2,00	**	6.6
July 1874 Jan. 1875	11	40	M	3, 00 2, 75	44	44	Jan. 1882	11	35	M	2, 25	6.6	64
July 1875	11	90 50	M	2.75	66	44					2. 20		
Jan. 1876	11	90	M	2. 75	64	4.6	Average	11	43	M	2. 201	84	4.4
July 1876	11	30	M	2, 50	44	6.6		**			-		
Jan. 1877	11	70	M	2, 50	66	14	July 1892	11	10	M	2.50	6.6	64
July 1877	11	20	M	2. 25	44	44	Jan. 1883	11	40	M	2.50	44	66
Jan. 1878	11	50	M	2. 25	44	44	July 1883	11	25	M	2, 50	44	44
July 1878	11	-15	\mathbf{M}	2. 25	44	66	Jan. 1884	11	30	M	2.50	•••	

17509, pt. 2-58

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK-Continued.

COKE WHEELERS-Concluded.

Payroll of	Hours per day.	Different employés	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1884 Jan. 1885 July 1885 Jan. 1886 July 1886 Jan. 1887 July 1887 Jan. 1888	11 11 11 11 11 11 11	20 40 20 30 20 30 20 40	M M M M M M M	\$2.50 per day. 2.50 "" " 2.50 " " 2.50 " " 2.50 " " 2.50 " " 2.50 " " 2.50 " " 2.50 " " 2.50 " "	July 1888 Jan. 1889 July 1889 Jan. 1890 July 1890 Jan. 1891 July 1891	11 11 11 11 11 11	20 35 20 30 20 40 20	M M M M M M	\$2.50 per day. 2.50 n n 2.50 n 2.50 n 2.50 n 2.50 n 2.50 n 2.50 n 1.1 2.50 n 1.1 2.50 n 1.1 2.50 n 1.1 2.50 n 1.1 2.50 n 1.1 2.50 n 1.1

ENGINEERS.

			_										
July 1841 Jan. 1842	11 11	1	M M	1.50 1.75	per "	day.	Jan. 1860	11 11	2	M M	2. 00 2. 50	per	r day.
July 1842 Jan. 1843 July 1843	11 11 11	1 1 1	M M M	1.75 1.75 1.75	64 64	66	Average	11	3	М	2. 161	45	**
Jan. 1844 July 1844 Jan. 1845	11 11 11	1 1 1	M M M	1.75 1.75 1.75	16 46	66	July 1860	11 11	2	M M	2.00 2.50	44	46
July 1845 Jan. 1846 July 1846	11 11 11	1 1	M M M	1.75 1.75 2.00	11	44 44	Average	11	3	M	2. 161	££	ıı
Jan. 1847 July 1847 Jan. 1848	11 11 11	1 1 1	M M M	2.00 2.00 2.00	11	44	Jan. 1861	11 11	2 1	M M	2. 00 2. 50	16	11
July 1848 Jan. 1849	11 11	1	M M	2.00 2.00	46	44 48	Average	11	3	M	2. 161	44	44
July 1849 Jan. 1850 July 1850	11 11 11	1 1	M M M	2.00 2.00 2.00	46 66	"	July 1861	11 11	2 1	M M	2.00 2.50	46	16
Jan. 1851 July 1851 Jan. 1852	11 11 11	1 1 1	M M M	2.00 2.00 2.00	44	44	Average	11	3	M	2. 161	46	44
July 1852 Jan. 1853 July 1853	11 11 11	1 1 1	M M M	2.00 2.00 2.00	44	66 66	Jan. 1862	11 11	2 I	M	2. 00 2. 50	16	11
Jan. 1854 July 1854 Jan. 1855	11 11 11	1 1 1	M M M	2.00 2.00 2.00	64	46	Average		3	M	2. 16½	"	44
July 1855 Jan. 1856	11 11	1	M	2, 00 2, 00	11	48	July 1862	11 11	1	M	2.00 2.50	"	11
July 1856	11 11	1	M M	1.75 2.00	44	44	Average	11	3	М	2. 161	4	
Average	11	2	М	1.871	44	16	Jan. 1863	11 11	2 1	M M	2. 25 2. 75	"	44
Jan. 1857	11 11	1	M	1.75 2.00	44	44	Average July 1863	11 11	3 1	M M	2. 411 2. 50	61	16
Average	11	2	М	1.87	46	"	ouly 1000	11	2	M	2. 75	"	46
July 1857	11	1	M M	1. 75 2. 00	44	66	Jan. 1864	11	3	M M	2. 66½ 2. 25	66	16
Average	11	2	м	1.87	44	**			2	<u>M</u>	2. 75	14	46
Jan. 1858	11 11	1 	M	1.75 2.00	44	44	Average July 1864	11	6	M M	2. 41½	**	14
Average	11 11	2	M	1.871	44	16		11	2	М_	2.75	66	46
July 1858	11		M	1.75 2.00	44	**	Average Jan. 1865	11 11	3 I	M M	2. 66½ 2. 75	46	16
Average Jan. 1859	11	2	M	1.87	46	**		11	2	M	3. 00	11	14
July 1859	11 11	3 2	M M	2. 00 1. 75	66	46	Average July 1865	11	3	M M	2.913 3.00	**	"
Average	11 11	3	M	2. 00 1. 834	44	66	Jan. 1866 July 1866 Jan. 1867	11 11	2 2	M M	3.00 3.50	66 66	15 46 66
6		•		1.003			() 9 KH' TOO!	11 1	2 [M I	3. 50		

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK-Continued.

ENGINEERS-Concluded.

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Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of w	vages.
July 1867 Jan. 1868 July 1868	11 11 11	2 2 2	M M M	\$3, 50 3, 50 3, 50	per	day.	July 1878	11 11	1 2	M M	\$3, 00 3, 50	þer	day.
Jan. 1869	11 11	2 2	M	3.50 3.50	14	66	Average	11	3	M	3. 331	ı	**
July 1869 Jan. 1870 July 1870	11 11 11	2 2 2 2 2 2 2	M M M	3.50 3.50 3.50	6 6 6 6	11 11 15	Jan. 1879	11 11	1 2	M M	3.00 3.50	46	6.6 1.6
Jan. 1871 July 1871	11	2	M M	3.50		44	Average	11	. 3	M.	3. 331	**	44
Jan. 1872 July 1872 Jan. 1873	11 11 11	2 2 2 2 2	M M	3, 50 4, 00 4, 00	66	16	July 1879	11 11	1 2	M M	2. 50 3. 00	44	11
July 1873 Jan. 1874	11 11	2 2 2	M M M	4.00 4.00 4.00	44	44	Average	11	3	М	2.831	4.6	**
July 1874 Jan. 1875	ı ii	1	м	3.50	66		Jan. 1880	11 11	1 2	M M	2.75 3.00	64	6 E
дап. 1019	11	2	M	4.00	46	4.6	Average	11	3	M	2.91	44	44
Average	ł	3	M	3. 831	61	16	July 1880	11 11	1 2	M	2.75 3.00	44	66
J uly 1875	- 11 11	1 2	M M	3.50 4.00	44	"	Average		3	M	2, 91	44	
Average	11	3	M	3. 83 }	44	6.6	Jan. 1881	11 11	1 2	M M	2.75 3.00	44	15 62
Jan. 1876	11 11	1 2	M M	3, 50 4, 00	13	11	Average	11	3	M	2, 911	61	"
Avėrage	11	3	М	3.831	16		July 1881	11 11	2	M M	3. 00 3. 00	11	44
July 1876	11 11	1 2	M M	3.50 4.00	4.6	66 64	Jan. 1882 July 1882 Jan. 1883	11 11	2 2 2	M	3, 25 3, 25	**	66
Average	11	3	M	3.831	ıı	44	July 1883 Jan. 1884	11 11	2 2	M	3, 25 3, 25 3, 25	"	"
Jan. 1877	11 11	1 2	M M	3, 50 4, 00	66	44	July 1884 Jan. 1885 July 1885	11 11 11	2 2 2 2	M M M	3, 25 3, 25	61	66 66
Average	11	3	М	3.831	ıı	44	Jan. 1886 July 1886	11	2 2 2	M M M	3, 25 3, 25 3, 25	11	44
J uly 1877	11 11	1 2	M M	3.50 4.00	66	44	Jan. 1887 July 1887 Jan. 1888	11 11 11	$\frac{2}{2}$	M M	3. 25 3. 25	66	46
Average	11	- 3	M	3.831	6.6	i i	July 1888 Jan. 1889	11	2 2	M	3. 25 3. 25 3. 25	16	11
Jan. 1878	11 11	1 2	M M	3.50 4.00	66	14	July 1889 Jan. 1890 July 1890	11 11 11	2 2 2	M M M	3. 25 3. 25	"	66. 66
Average	11	3	M	3, 831	66	**	Jan. 1891 July 1891	11 11	2 2 2	M M	3. 25 3. 25	66	46
	.06	1		1		мтр	TARK TARK		1 +				
						FIR	EMEN.					-	
	1		1				11	1		1	1		

Jan. 1840	101	4	м	1.20	per	lay.	July 1849	101	18	M	1. 20	per	day.
Tuly 1840	10.	4	M	1.20	- 11		Jan. 1850	10%	20	M	1. 20	- 10	44
an. 1841	101	4	M	1.20	44		July 1850	10 1	16	M	1.20	6.6	4.6
uly 1841	104	6	M	1.20	6.6	1.6	Jan. 1851	10∄	20	M	1.20	4.6	6.6
an. 1842	101	6	M	1.20		t t	July 1851	10 \ti	30	M	1.22	6.6	4.6
uly 1842	101	5	M	1.20	6.6	4.6	Jan. 1852	10 1	40	M	1.22	6.4	6.6
an. 1843	10%	5	M	1, 20	1.5	4.4	July 1852	10%	25	M	1, 22	1.6	4.6
nly 1843	103	5	M	1.20	6.6	4.6	Jan. 1853	10%	30	М	1.22	4.6	4.6
an. 1844	10%	4	M	1. 20	14	4.5	July 1853	10%	30	M	1.34	4.6	11
uly 1844	103	4	M	1. 20	11	4.6	Jan. 1854	103	40	M	1.34	1.6	6.6
an. 1845	105	- 6	M	1, 20	4.4	4.6	July 1854	103	60	M	1.34	4.6	E 6
uly 1845	103	6	M	1. 20	4.4	4.6	Jan. 1855	10 %	60	M	1.34	14	6.6
an. 1846	104	11	M	1, 20		4.6	July 1855	101	60	M	1.34	6.6	4.6
uly 1846	101	8	M	1.20		4.6	Jan. 1856	10%	60	M	1,34	11	2.6
an. 1847	10	12	M	1. 20	1.1	4.6	July 1856	101	60	M	1.34	6.6	6.6
uly 1847	101	8	M	1.20	6.6	4.6	Jan. 1857	10%	65	M	1.34	44	6.6
an. 1848	101	17	M	1. 20	t t	4.4	July 1857	101	65	M	1.34	6.6	4.6
uly 1848	101	12	M	1. 20	6.6	14,	Jan. 1858	101	65	M	1.34	4.6	6.6
an, 1849	10	26	M	1. 20	4.4	4.6	July 1858	10	75	M	1.34	44	64

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK—Continued.

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Payroll of—	Hours per day.	Different employés.	Sex.	Rate of	wages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of w	vages.
					_			_	I			
Jan. 1859	104	80	М	\$1.34 per	day.	July 1875	101	40	M	\$ 3, 25	Dor	day.
July 1859	101	80	M	1.34	16	Jan. 1876	101	80	M	3. 25	Der .	uity.
Jan. 1860	101	80 -	M.	1.34 "	46	July 1876	10%	25	M	3.00	4.6	64
July 1860	10%	80	M	1.34 "	4.6	Jan. 1877	103	80	М	3,00	4.6	61
Jan. 1861	10%	90	M	1.34 "	4.6	July 1877	10%	30	M	3, 00	44	11
July 1861	103	90	M	1.34 "	44	Ján. 1878	101	50	M	3.00	44	64
Jan. 1862	101	90	M	1.34 "	4.6	July 1878	$10\frac{1}{2}$	30	M	2.75	4.4	46
July 1862	10 1	60	M	1.34 "	64	Jan. 1879	101	60	M	2.75	44	44
Jan. 1863	101	60	M	1.75 "	64	July 1879	101	30	M	2.50	44	66
July 1863	101	60	M	2. 25 "	4.6	Jan. 1880	101	55	M	2.50	44	16
Jan. 1864	103	80	M	2.00 "	4.6	July 1880	105	25	M	2.75	**	11
July 1864	103	80	M	2. 25	**	Jan. 1881	101	65	M	2.75	44	**
Jan. 1865	10 5	70	M	2.50 "		July 1881	103	30	M	2.75	44	44
J 'v 1565	101	80	M	2.50 11	44	Jan. 1882	103	60	M	2.75	6.6	41
Jan. 1866	101	80	M	2.00	44	July 1882	10	25	М	3.00	66	"
July 1866	103	60	M	2,00	64	Jan. 1883	101	50	M	3,00	44	44
Jan. 1867	101	90	M	₩. 00	**	July 1883	101	25	M	3.00	66	66
July 1867	101	60	M	4.10	44	Jan. 1884	101	50	M	3, 00		14
Jan. 1868	101	80	M	2.10	66	July 1884	101	25	M	3.00		4
July 1868	101	50	M	2.10	41	Jan. 1885	101	50	M	3.00	66	4
Jan. 1869	10½ 10½	95 50	M	3.00 14	66	July 1885	101	25	M	3.00	66	44
July 1869	10%	90	M	3.00 4	41	Jan. 1886	10 1	50 25	M	3.00	14	14
Jan. 1870	101	60	M	3. 00 44	44	July 1886	103		M M	3.00	66	11
July 1870 Jan. 1871	101	100	M	3.00 "	44	Jan. 1887	103	50 25	M	3.00	44	11
July 1871	101	60	M	3.00 "	44	July 1887 Jan. 1888	103	50	M	3.00 3.00	44	54
Jan. 1872	101	110	M	3.00 "	44	July 1888	10%	25	M	3, 00	4.	44 .
July 1872	101	50	M	4, 00 44	4.6	Jan. 1889	103	50	M	3.00	66	61
Jan. 1873	101	100	M	4.00 "	44	July 1889	101	25	M	3.00	14	44
July 1873	10%	50	M	3.50 "	44	Jan. 1890	101	50	·M	3.00	66	**
Jan. 1874	101	110	M	3.50 "	44	July 1890	103	25	M	3.00	6.6	44
July 1874	101	-50	M	3.50 "	66	Jan. 1891	101	50	M	3.00		44
Jan. 1875	101	110	M	3. 25 "	44	July 1891	101	25	M	3.00	66	44
	3-3					0 1113 1001	02	20		0.00		
						11					_	

LABORERS.

Jan. 1840	10 10		9	M M	1.00 1.12½	per	day.	Jan. 1844	10 10	20 5	M M	1.00 1.12½	per	day.
Average	10		11	М	1.021	44	16	Average	10	25	M	1.021	"	4.6
July 1840	10 10		$\frac{9}{2}$	M M	1.00 1.12½	44	11	July 1844	10 10	20 5	M M	1.00 1.12½	14	44
Average	10		11	M	1.021	64	4.6	Average	-10	25	М	1.021	44	44
Jan. 1841	10 10		3	M M	1.00 1.12½	"	44	Jan. 1845	10 10	10 4	M M	1.00 1.12½	"	44
Average	10		4	M	1.03	44	44	Average	10	14	M	4 , 03⅓	14	11
July 1841	10 10		25 1	M M	1.00 1.12½	"	"	July 1845	10 10	12 5	M M	1.00 1.12½	44	46
Average	10		26	М	1.001	4.6	66	Average	10	17	М	1.031	44	64
Jan. 1842	10 10		14 1	M M	1.00 1.12½	44	44 46	Jan. 1846	10 10	12 5	M M	1.00 1.12½	14	14 14
Average	10		15	M	1.01	4.6	66	Average	10	17	M	1.031	44	66
July 1842	10 10		1	M M	1.00 1.12½	46	66 66	July 1846	10 10	30 8	M M	1.00 1.12½	46	11
Average	10		2	M	1.061	44	44	Average	10	. 38	М	1.021	44	**
Jan. 1843	10 10		1 1	M M	1.00 1.12½	44	**	Jan. 1847	10 10	15 4	M M	1.00 1.121	66	"
Average	10		2	M	1.061	6.6	11	Average	10	19	M	1.021	**	**
July 1843	10 10		5 2	M	1.00 $1.12\frac{1}{2}$	14	1.6 66	July 1847	10 10	18 9	M M	1.00 1.121	46	68 66
Average	10		7	м	1. 031	6.5	4.6	Average	10	27	м	1.04	44	44

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK—Continued.

LABORERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate o	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of .w	vages.
Jan. 1848	10 10	22 10	M M	\$1.00 1	er	day.	July 1855	10 10	85 29	M M	\$1.00 1,12½	per	day.
Average	10	32	М	1.04	16	61	Average	10	114	M	1.03	14	44
July 1848	10 10	20 10	M M	1.00 1.12½	64	44 -	Jan. 1856	10 10	85 52	M M	1.00 1.12½	44	46
Average	10	30	M	1.04	44	44	Average	10	137	М	1.041	4.4	4.6
Jan. 1849	10 10	40 15	M M	1.00 1.12½	14	"	July 1856	10 10	85 32	M M	1.00 1.12½	"	66
Average	10	55	М	1.031	44	46	Average	10	117	M	1.031	14	44
July 1849	10 10	50 15	M M	1.00 1.12½	64 61	**	Jan. 1857	10 10	. 85 . 44	M M	1.00 1.12½	44	44 46
Average	10	65	M	1.03	44	44	Average	10	129	М	1.041	"	44
Jan. 1850	10 10	15 4	M M	1.00 1.12½	64	**	July 1857	10 10	85 84	M M	1.00 1.12½	"	44
Average	10	19	M	1.021	44	4.6	Average	10	119	М	1.031	44	44
July 1850	10 10	15 B	M	1.00 1.12½	64	44	Jan. 1858	10 10	90 50	M M	1.00 1.12½	44	14
Average	10	23	M	1.041	**	44	Average	10.	140	M	1.041	44	14
Jan. 1851	10 10	20 6	M M	1.00 1.12½	44	46	July 1858	10 10 10 10 10 10 10 10 10 10 10 10 10 1	100 40	M M	1.00 1.12½	**	44
- Average	10	26	М	1.03	44	a	Average	10	140	М	1.031	4.6	44
J uly 1851	.10 10	25 8	M M	1.00 1.12½	44	66	Jan. 1859	10 10	100 92	M M	1.00 1.12½	66	44
Average	10	33	М	1.03	44	44	Average	10	192	M	1.06	6.6	44
Jan. 1852	10 10	35 20	M M	1.00 1.12½	44	44	July 1859	10	200 80	M M	1.00 1.12½	64	44
Average	10	55	М	1.041	66	44	Average	10	280	М	1.031	**	44
July 1852	10 10	40 20	M M	1.00 1.121	66	16	Jan. 1860	10 10	125 94	M M	1.00 1.12½	66	41
Average	- 10	60	M	1.04	44	44	Average	10	219	M	1.051	44	4.6
Jan. 1853	10 10	40 15	M	1.00 1.12½	44	66 46	July 1860	10 10	150 58	M M	1.00 1.12 <u>1</u>	64	46
Average	10	55	М	1. 031	44	66	Average	10	208	M	1.034	44	**
July 1853	10 10	50 18	M M	1.00 1.12½	44	44	Jan. 1861	10 10	150 90	M M	1.00 1.12½	14	
Average	10	68	M	1.031	44	44	Average	10	240	M	1.041	44	14
Jan. 1854	10 10	50 18	M M	1.00 $1.12\frac{1}{2}$	44	66 64	July 1861	10 10	150 60	M M	1,00 1,12½	44	14
Average	10	68	М	1. 031	44	44	Average	10	210	M	1.031	44	44
July 1854	10 10	60 25	M M	1.00 1.12½	44	"	Jan. 1862	10 10	150 70	M M	1.00 1.12½	44	44
` Average	10	85	M	1.031	44	**	Average	10	220	M	1.04	44	44
Jan. 1855	10	80 98	M M	1.00 1.12½	44	44	July 1862	10 10	150 40	M M	1.00 1.12½	16	46
Average	10	118	М	1,.04	44	44	Average	10	190	М	1.02	44	44

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK-Continued.

LABO	RERS-	Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	vages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of w	rage
Jan. 1863 July 1863 Jan. 1864	10 10 10	100 80 90	M M M	\$1.50 1.50 1.50	per	day.	Jan. 1872	10 10	35 40 75	M M 	\$1.75 2.00	per	day.
July 1864 Jan. 1865	10	60 5	M	1.50	**	41	Average July 1872	10	4	M	1.88½	**	44
	10	70	M	2.00	"	44		10	110	M	2.00	"	
Average	10	75	M	1.961	"	44	Average	10	- 114	M M	1, 99	"	16
July 1865	10 10	3 40	M	1.75 2.00	64	"	Jan. 1873	10 10	100	M	1.75 2.00	**	41
Average	10	43	M	1.981	4.6		Average	10	102	М	1.991	41	"
Jan. 1866	10 10	5 60	M M	1.75 2.00	66	11	July 1873	10 10	110	M M	1.75 2.00	66	**
Average	10	65	M	1.98	44	44	Average	10	112	М	1.991	44	**
July 1866	10 10	40 15	M	1.75 2.00	66	"	Jan. 1874	10 10	2 100	M M	1.75 2.00	14	66
Average	10	55	М	1.82	11	44.	Average	10	102	М	1.991	ŧŧ	"
Jan. 1867	10 10	35 8	M	1.75 2.00	66	"	July 1874	10 10	110	M M	1.75 2.00	44	44 61
Average	10	43	М	1.79	44	44	Average	10	112	м	1. 99½	65	44
July 1867	10 10	50 8	M M	1.75 2.00	4.6	66 66	Jan. 1875 July 1875	10 10	80 160	M M	1.75 1.75	66 66	66 61
Average	10	58	М	1,781	44	66	Jan. 1876 July 1876	10 10	90 80	M	1.75 1.50	11	44.
Jan. 1868	10 10	65 8	M M	1.75 2.00	44	64 66	Jan. 1877 July 1877 Jan. 1878	10 10 10	65 65 70	M M M	1.50 1.50, 1.50	44	86 84 85
Average	10	73	M	1.771		"	July 1878 Jan, 1879	10 10	55 50	M	1. 25 1. 25	44	44
July 1868	10 10	15 50	M M	1.75 2.00	**	6.6 6.6	July 1879	10 10	- 5 40 -	M M	1.00 1.25	44 64	"
Average	10	65	М	1.94	"	44	Average	10	45	М	1. 22	44	64
Jan. 1869	10 10	6 90	M M	1.75 2.00	**	44	Jan. 1880	10 10	3 50	M M	1.00 1.25	11	46 46
Áverage	10	96	M	1.981	6.6	44	Average	10	53	M	1. 231	14	44
July 1869	10 10	45 60	M M	1.75 2.00	14 F	46	July 1880	10 10	20 25	M M	1. 25 1. 50	44	44
Average	10	105	М	1.891	4.6	44	Average	10	45	М	1. 39	66	44
Jan. 1870	10 10	8 85	M M	1.75 2.00	66	44	Jan. 1881	10 10	20 45	M M	1, 25 1, 50	11	44
Average	10	93	М	1.98	16	44	Average	10	65	М	1.42½	**	44
July 1870	10 10	6 60	M M	1.75 2.00	**	66 66	July 1881	10 10	15 50	M M	1. 25 1. 50	44	£4.
Average	10	66	М	1.971	44	44	Average	10	65	М	1.44	16	44
Jan. 1871	10 10	5 65	M	1.75 2.00	66	44	Jan. 1882	10 10	12 60	M M	1. 25 1. 50	44	44
Average	10	70	М	1.98	64	66	Average	10	72	М	1.46	44	44
July 1871	10 10	2 110	M M	1.75 2,00	46	14	July 1882	10 10 10	10 65 12	M M M	1. 25 1. 50 1. 75	44	68 66
Average			M	1.991	••	64	Average	-		M	1.50	**	u
Average	10	112	М	1.991	••	64	Average	10	87	1	M	M 1.50	M 1.503 "

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK-Continued.

LABORERS-Concluded.

	<u> </u>												
Payroll ol—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1883	10 10 10	- 10 60 40	M M M	\$1, 25 1, 50 1, 75	per	day.	Jan. 1887	10 10	40 35	M M	\$1.50 1.75	per	day.
			M	1.57	44	**	Average	10	. 75	M	1.611	6.4	4.6
Average	ļ	110	1				July 1887	10	20	M	1.50	44	6.6
July 1883	10 10	60	M	1.25 1.50	11	44	_	10	25	_ M	1.75	6.6	44
	10	10	M	1.75	"	44	Average	10	. 45	М	1.64		44
Average	10	78	м	1.501	6,6	11 _	Jan. 1888	10	60	М	1.50	6.6	4.5
			1	4.05	66	44		10	40	м	1.75	**	**
Jan. ,1884	10 10	10 70	M	1. 25 1. 50	4.6	14	Average	10	100	M	1.60		4.4
	10	10	M	1.75	4.6	64	July 1888	10	45	M	1.50	66	44
Average	10	90	M	1.50	16	44		10	20	M	1.75		
	10	8	M	1. 25		**	Average	10	65	M	. 1. 57½	44	4.6
July 1884	10	50	M	1.50	44	44	Jan. 1889	10	50	M	1 50	66	46
	10	10	M	1. 75	**	**		10	30	M	1.75		
Average	10	68	M	1.503	4.4	4.6	Average	10	80	M	1. 591	4.6	4.6
Jan. 1885	10	10	м	1. 25	4.6	**	July 1889	10	. 40	M	1.50 1.75	66	44
Dan. 2000	10	70	M	1.50	64	44		10	20		ļ		
	10	20	_ M	1.75			Average	10	60	M	1.581	1.6	64
Average	10	100	M	1.52½	14	4.1	Jan. 1890	10	30	M	1.50 1.75	64	46
July 1885	10	7	M	1. 25	"	**	li	10	30	.			
	10 10	30 10	M	1, 50 1, 75	11	64	Average	10	60	M	11.623	16	14
	-		-		1.4	46	July 1890	10	30	M	1.50	6.6	44
Average	e 10	47	M	1.51		••	ļ.	10	20	М.	-		4.4
Jan. 1886		7	M	1.25	44	44	Average	10	50	M	1, 60	**	**
	10 10	60		1.50 1.75	44	44	Jan. 1891	10	30	M	1.50 1.75	44	66
A mone =	-		-			44		10	30	-			
Average	e 10	97	М	1, 56	.,	••	Average	10	60	M	1.62		44
J uly 1886				1.50	44	46	July 1891	10	30	M	1.50	44	44
	10	-!	_	1.75		44	1	10	20	M	-		44
Averag	e 10	35	M	1.641	- 11	4.6	Average	10	50	M	1.60	* *	4.4

MACHINISTS.

												_
Jan. 1863 July 1863 Jan. 1864 July 1864 Jan. 1865 July 1865 Jan. 1866 Jan. 1867 July 1866 Jan. 1867 July 1867 Jan. 1868	10 10 10 10 10 10 10 10 10 10	111111111111111111111111111111111111111	M M M M M M M M	2. 75 2. 75 2. 75 2. 75 3. 25 3. 25 3. 25 3. 25 3. 25 3. 25 3. 25 3. 25	per day	July 1873 Jan. 1874 July 1874 Jan. 1875 July 1875 Jan. 1876 July 1876 Jan. 1877 July 1877 July 1877 Jan. 1878	10 10 10 10 10 10 10 10	ස ප ස ස ස ස ස ස ස ස	M M M M M M M M	3. 75 3. 75 3. 75 3. 75 3. 75 3. 75 3. 75 3. 75 3. 75 3. 75	per day.	
Jan. 1869 July 1869 Jan. 1870 July 1870	10 10 10 10	2 2 2 2	M M M	3, 50 3, 50 3, 50 3, 50	44 44	Average	10	3	M	3, 50 3, 33 ¹ / ₃	61 66	
Jan. 1871 July 1871 Jan. 1872 July 1872	10 10 10 10	2 2 2 3	M M M	3.50 3.50 3.50 3.75	16 66 16 66 66 68	Jan. 1879	10 10	1	M M	3. 25 3. 50	- 11 14	
Jan. 1873	10	8	M	3.75	44 44	Average	10	2	М	3.37	44 44	

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK-Continued.

MACHINISTS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1879	10 10	2	M M	\$2. 75 3. 00	$\operatorname{per}_{\iota\iota}$	day.	July 1886 Jan. 1887	10 10	2 1	M M	\$3.00 3.00	per	day.
Average	10	3	М	2.83	4.6	44	July 1887	10 10	1 1	M M	2.75 3.00	44	46
Jan. 1880	10 10	1 1	M M	2.75 3.00	6.6 6.6	14	Average	: 10	2	М	2.87	44	
Average	10	2	М	2.87	"	4.4	Jan. 1888	10 10	1	M M	2.75 3.00	44	"
July 1880	10 10	1 1	M M	2.75 3.00	11	41	Average	10	2	м	2. 871	46	44
Average	10	2	M	2, 871	14	46	July 1888	10 10	1	M M	2.75 3.00	44	66 ·
Jan. 1881	10 10	1	M M	2, 75 3, 00	16	44	Average	10	2		2. 871	44	14
Average	10	2	M	2.873	**	44	Jan. 1889	. 10	1.	M M	2.75 3.00	66	44
July 1881 Jan. 1882	10 10 10	2 2 2 2	M M M	3.00 3.00 3.00	66 66	11	Average	. 10	2	M	2.87	46	44
July 1882 Jan. 1883	10	2	M	3, 00	44	4.6	July 1889	10 10	1	M M	2.75 3.00	44	"
July 1883	10 10	1 2	M	2.75 3.00	44	44	Average	10	2	м	2, 871	44	44
Average	10	3	М	2. 911	44	44	Jan. 1890	10 10	1	M	2.75	44	44
Jan. 1884	10 10	1 2	M M	2.75 3.00	44	16	Average	10	2	м	2.87	"	44
A verage	10	3	М	2. 911	16	14	July 1890	10 10	1 1	M	2.75 3.00	**	**
July 1884	10 10	1 2	M	2.75 3.00	64	44	Average	10		M	2.87	14	64
Average	10	3	м	2. 91	4.6	44	Jan. 1891	10 10	1	M	2. 75 3. 00	**	11
J an. 1885	10 10	1 2	M	2.75 3.00	44	66 66	Average		2	м	2.87	**	41
Average	10	3	M€	2.91	66	66	July 1891	10	1	M	2. 75 3. 00	44	44
July 1885 Jan. 1886	10 10	2 2	M M	3.00	44	66	Average	10	2	M	2. 87		44

PAINTERS.

,	uly 1849	10		м	1.50		J		T1 1000 h	10	1	м	3, 25	TAT	day.
	an. 1856	10	1 1	M	1.50	per	day.	ļ	July 1866 Jan. 1867	10	1	M	3. 25	her	uay.
	uly 1856	10	1	M	1.50		44	- 1		10	1	M	3. 25	4.4	4.6
1	an. 1857	10	1 1	M	1.50	**	-		July 1867 Jan. 1868	10	1	M	3. 25	14	66
	uly 1857	10	1	M	1.50		4.6			10	1	M	3.50	4.6	44
e l	an. 1858	10	1 4	M		44			July 1868	10	1	M	3.50	44	66
9	uly 1858	10	1 1	M	1.50	66	66		Jan. 1869	10	1	M	3, 50	66	66
ų	tury 1888			M		44			July 1869		1		3.50	14	16
e.	an. 1859	10 10	1	M	1.50	44	44		Jan. 1870	10	Ţ	М		6.6	66
٠	uly 1859		1 1		1.50	46	44		July 1870	10	Ţ	M	3, 50	4.4	44
	an. 1860	10	‡	M M	1.50	44	44		Jan. 1871	10	1	M	3.50	66	44
	uly 1860	10	1		1.50	44	66		July 1871	10	Ţ	M	3.50	44	**
	an. 1861	10	1	M	1.50	64	44		Jan. 1872	10	ı	M	3.50	•••	
	uly 1861	10	1	M	1. 75		"	J	l ^				0 85	66	66
	an. 1862	10	į į	M	1.75	11			July 1872	10	1	M	3, 75	44	44
	July 1862	10	1	M	1.75	44	44	-	.	10	1	M	4.00	••	
	Jan. 1863	10	1	M	1.75	4.6	44	ı	1.					66	
	July 1863	10	1	M	2.50	44	44	1	Average	10	2	M	3.87	**	
	an. 1864	10	1	M	2. 25	1.6	14	1	1					4.4	
	July 1864	10	1	M	2, 50	6.6	4.6		Jan. 1873	10	1	M	3, 75		**
	an. 1865	10	1	M	2, 75	44	6.6			10	1	M	4.00	**	•••
	July 1865	10	2	M	3.00	11	4.6		l I-						
•	lan. 1866	-10	2	M	3.00	**	44		Average	10	2	M	3.87	**	

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK—Continued.

PAINTERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate o	of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.
July 1873	10 10	1 1	M M	\$3.75 1 4.00	per	day.	July 1880	10 10	1 1	M	\$2.75 3.00	per	day.
Average	10	2	M	3, 871	44	44	Average	10	2	M	2, 87	4.6	44
Jan. 1874	10 10	1 1	M M	3. 75 4. 00	66	**	Jan. 1881	10 10	1 1	M M	2.75 3.00	**	6 E
Average	10	2	М	3. 87½	44	44	Average	10	. 2	М	2.871	44	44
July 1874	10 10	1	M M	3.75 4.00	**	66	July 1881	10 10	1 1	M	2.75 3.00	44	6.6 4.6
Average	10	2	M	3. 871	44	14	Average	10	2	М	2.871	44	46
Jan. 1875	10	1 1	M M	3. 75 4. 00	44	44	Jan. 1882	10 10	1 1	M M	2.75 3.00	66	
Average	10	2	М	3, 871	44	44	Average	10	2	М.	2.87	44	44
July 1875	10	1	M	3, 75 4, 00	44	44	July 1882	10 10	, 1 1	M M	2.75 3.00	14	14
Average		2	M.	3.871	11	4.6	Average	10	2	M	2.87₺	**	4.6
Jan. 1876	10 10	1	M	3.50 4.00	66	16	Jan. 1883	10 10	. 1	M M	2. 75 3. 00	64	64
Average	10	2	M	3.75	44	44	Average	10	. 2	М	2, 871	66	64
July 1876	10 10 10	1 1 1	M M M	3. 00 3. 50 4. 00	44	16 16 14	July 1883	10	1 1	M M	2. 75 3. 00	66	6 p
Average	10	3	M	3.50	44	44	Average	10	2	М	2.871	61	44
Jan. 1877	10 10 10	1 1	M M M	3. 00 3. 50 4. 00	44	44 44	Jan. 1884	10 10	1 1	M M	2. 7 5 3. 0 0	66	44
		3	м	3.50	41	66	Average	10	2	M	2.87	45	4.6
Average	10	1	M	3, 00	4.6	44	July 1884	10 10	1	M	2. 75 3. 00	44	44
July 1877	10 10	1	M	3.50 -4.00	44	44	Average		2	М	2, 87		44
'Average	[10	3	M	3. 50	44	44	Jan. 1885	10	1	M	2.75 3.00	44	46 *
Jan. 1878	10 10 10	1 1		3. 00 3. 50 4. 00	66	n "	Average		2	М	2.87	"	"
Average		3		3.50	44	46	July 1885	10 10	1	M	2.75 3.00	46	44
July 1878	10	1		2. 25	44	66	Average	10	2	М	2. 87	"	44
•	-10	1	М	3.00	44	44	Jan. 1886	10 10	1	M M	2. 75 3. 00	44	**
Average		3		2.83	4+	44	Average	9 10	2	М	2. 87	r "	44
Jan. 1879	10 10 10	1 1	M	2. 25 3. 00 3. 25	44	**	July 1886	10 10	1	M M	2.75 3.00	44	**
Average	10	3	м	2.831	4.6	44	Average	10	. 2	M	2.87	١,	**
July 1879	:10 10	1 1		2.75 3.00	44	46	Jan. 1887	10 10	1		2, 75 3, 00	46 46	44
Average	10	2	М	2.871	44	44	Averag	e 10	, 2	М	2. 87		44
Jan. 1880	-10 10	1 1	M M	2. 75 3. 00	44	44	July 1887	10 10		M	2.75 3.00	66	44
Average	10	2	М	2.87	44	64	Averag	e 10	2	М	2.87	ł "	•-

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK-Continued.

PAINTERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of wa	ages.
Jan. 1888	10 10	I 1	M M	\$2.75 3.00	per day.	Jan. 1890	10 10	1 2	M M	\$2.75 3.00	per da	ay.
Average	10	2	M	2.871	44 - 44	Average	10	3	M	2. 91	44 4	
July 1888	10 10	1 1	M M	2. 75 3. 00	44 44	July 1890	10 10	1 2	M M	2.75 3.00	44 6	
Average	10	. 2	М	2.87 <u>1</u>	66 66	Average	10	3	м	2.913	66 6	
Jan. 1889	10 10	1 2 3	M	2.75	er er	Jan. 1891	10	1 1	M M	2.75	46 £	
Average July 1889	10	3	M	2. 91½ 2. 75		Average	10	2	M M	3.00 2.874		
a mrå 100a	10	i	M	3.00		Average	. 10	_		₩. 01g	•	-
Average	10	2	M	2.87	64 46	July 1891	10	2	М	3. 00	46 4	16

PAVERS.

									_				
Jan. 1840 July 1840 Jan. 1841 July 1841 Jan. 1842 July 1843 Jan. 1843 July 1843 July 1843 July 1844 July 1845 July 1846 July 1846 July 1846 July 1846 July 1848 July 1848 July 1848 July 1848 July 1848 July 1848 July 1848 July 1848 July 1848 July 1848 July 1848 July 1848 July 1848 July 1848 July 1848 July 1849 July 1849 July 1850 July 1850 July 1851 July 1851 July 1851 July 1852 July 1852 July 1852	100 100 100 100 100 100 100 100 100 100	1111111111221111113233	M M M M M M M M M M M M M M M M M M M	1. 12½ 1. 12½ 1. 25 1. 25 1. 25 1. 25 1. 12½ 1. 12½ 1. 12½ 1. 12½ 1. 25	11	64 64 64 64 64 64 64 64 64 64 64 64 64 6	July 1856 Jan. 1857 July 1857 July 1857 July 1857 July 1858 July 1858 July 1859 July 1859 July 1860 July 1860 July 1861 July 1862 July 1862 July 1862 July 1863 July 1863 July 1866 July 1866 July 1866 July 1866 July 1866 July 1866 July 1868 July 1868 July 1868 July 1868 July 1868 July 1868 July 1868 July 1868	10 10 10 10 10 10 10 10 10 10 10 10 10 1	2 2 2 2 2 2 2 2 2 2 2 3 8 6 4 4 4 4 4 4 4 4 4 3 2 2 2 2 2 3 8 8 8 8 8 8 8	M M M M M M M M M M M M M M M M M M M	1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 2. 00	Per 1 11 11 11 11 11 11 11 11 11 11 11 11	day,
July 1853 Jan. 1854	10 10	2 2	M	1. 25 1. 25	66	44	Jan. 1870 July 1870	10 ⁻ 10	3	M	2.50 2.50	44	66
July 1854	10 10	2	M M	1. 25 1. 50	66	44	Jan. 1871 July 1871 Jan. 1872 July 1872	10 10 10 10	3 3 2 2	M M M	2.50 2.50 2.50 2.75	66 61 61	44 44
\mathbf{A} verage	10	3	M	1.331	6.5	**	Jan. 1873	10	2 2 1	M	2.75	**	64 65
Jan. 1855	10 10	2 1	M M	1. 25 1. 50	66	44	July 1873 Jan. 1874 July 1874	10 10 10	. 1	M M M	2.75 2.75 2.75 2.50	44 46	65 65 64
\mathbf{A} verage	10	3	М	1.331	66	44	Jan. 1875 July 1875	10 10	1 5	M	2.50	44	46
July 1855	10 10	3 1	M M	1.25 1.50	41	44	Jan. 1876 July 1876 Jan. 1877	10 10 10	2 1 1	M M M	2.50 2.50 2.50	44 44	14 14
Average	10	4	М	1.311	44	6.6	July 1877. Jan. 1878	10 10	1	M	2,50 2,50	14	44
Jan. 1856	10 10	3 1	M M	1. 25 1. 50	44	66 66	July 1878 Jan. 1879 July 1879	10 10 10	1 1 2 3	M M M	2.00 2.00 1.75	66 66	46 46
Average	10	4	М	1. 311	**	44	Jan. 1880 July 1880	10 10	5	M	1.75 1.75	61	44

LUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK—Continued.

					PAVERS-	-Concluded.						
Layroll	Hours per day.	Different employés.	Sex.	Rate	of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
Jan. 1881	10 10	5 2	M M	\$1.75 2.50	per day.	July 1884 Jan. 1885 July 1885	10 10 10	2 3 3	M M M	\$2, 50 2, 50 2, 50	per	day.
Avecage		7	M	1.96½ 2.00	16 66	Jan. 1886 July 1886 Jan. 1887	10 10 10	* 3	M M M	2.50 2.50 2.50 2.50	64	46
July 1881	10	2 2/	'	2. 50	44 44	July 1887 Jan. 1888	10 10	3 3	M	2.50 2.50	66	44
Average Jan. 1882	10	4	М	2. 25 2. 50	44 44	July 1888 Jan. 1889 July 1889	10 10 10	3 3 3	M M M	2.50 2.50 2.50	44	44
July 1882 Jan. 1883 July 1883	10 10 10	2 2 2	M M M	2.50 2.50 2.50	64 46 66 66 66 66	Jan. 1890 July 1890 Jan. 1891	10 10 10	3 3 3	M M M	2.50 2.50 2.50	64 64	66 66
Jan. 1884	10	2	М	2. 50	44 44	July 1891	10	12	М	2.50	**	144
					ROO	FERS.						
_Jan. 1863 July 1863	10	• 2 2	M M	3.00 3.00	per day.	July 1875 Jan. 1876	10 10	1 1	M M	2. 50 2. 50	- 46	day.
Jan. 1864 July 1864 Jan. 1865 July 1865	10	2 2 2 2 2 2 2 2 2	M M M M	3.00 3.00 3.00 3.00	16 66 66 66 61 64	July 1876 Jan. 1877 July 1877 Jan. 1878	10 10 10 10	1 1 1 1	M M M M	2. 50 2. 50 2. 50 2. 50	46 66	44

						_									
			ا ہ					- 1	T 1 4000	10.		3.0	0.50		,
Jan. 1863	10		2 2	M	3.00		day.	- 1	July 1875	10	1	M	2.50	per	day.
July 1863	10	_	2	М	3.00	6.6		- 1	Jan. 1876	10	1	M	2.50	**	46
Jan. 1864	~ 10	Į.	2	M	3.00	44	6.6	- 1	July 1876	10	1	M	2.50	4.6-	44
July 1864	10		2	M	3.00	14	**	- 1	Jan. 1877	10	1	M	2.50	4.6	4.6
Jan 1865	10		^ 2	\mathbf{M}	3,00	64	4.6	- 1	July 1877	10	1	M	2.50	64	66
July 1865	10		2	М,	3, 00	4.4	44	- 1	Jan. 1878	10	1	M	2.50	6.6	84
Jan. 1866	10		1	M	3, 00	6.6	6.6		July 1878	10	1	M	2.50	4.6	44
July 1866	10		1	\mathbf{M}	3.00	1.6	44		Jan. 1879	10	1	M	2.50	. 44	44
Jan. 1867	10	,	1	M	3.00	4.6	4.6	ļ	July 1879	10	1	M	2. 25	6.6	4.6
July 1867	10	1	1	M	3, 50	1.4	4.4	- 1	Jan. 1880	10	1	M	2.00	66	4.6
Jan. 1868	10	Ì	1	\mathbf{M}	3, 50	4.4	5.6	- 1	July 1880	10	1	M	2.00	44	1.6
July 1868	10		1	M	3, 50	4.6	4.6	- 1	Jan. 1881	10	1	M	2.00	44	44
Jan. 1869	10		ï	M	3.75	4.4	4.4	- 1	July 1881	10	1	М	2.00	4.6	4.6
July 1869	10		ī	M	3, 75	6.6	44		Jan. 1882	10	1	M	2.00	. 66	66
Jan. 1870	10		ī	M	3.75	6.6	6.6		July 1882	10	1	M	2.00	6.4	44
July 1870	10		1	M	3, 75	4.4	6.6	- 1	Jan. 1883	10	1	M	2,00	6.6	44
Jan. 1871	10		· ī i	M	3.75	4.4	6.6		July 1883	10	1	M	2, 25	6.6	6.6
July 1871	10		ī	M	3.75	4.4	64		Jan. 1884	10	ī	M	2, 25	4.6	44
Jan. 1872	10		ī	M	3.75	6.6	6.6		July 1884	10	l ī	M	2, 25	4.6	44
July 1872	10	1	ī	M	4.00	4.6	4.6		Jan. 1885	10	l ī	M	2. 25	4.4	44
Jan. 1873	10		î	M	4.00	4.6	64		July 1885	10	l î	M	2, 25	44	64
July 1873	10		î	M	4.00	6.4	6.6	- 1	Jan. 1886	10	l ī	M	2, 25		44
Jan, 1874	10		î	M	4.00	4.6	44		July 1886	10	î	M	2, 25	66	44
July 1874	10		i i	m	3.00	6.6	66		Jan. 1887	10	i	M	2. 25	66	44
Jan. 1875	10		ī	M	2, 50	44	44		Jun. 1001	10			2. 20		
.uan. 1010	10		-	111	2.00										
	<u> </u>	1			1					1					

STABLEMEN.

Jan. 1856	11	3	м	1. 25	per	day.	Jan. 1867	11.	2	м	2.00	per	day.
July 1856	11	3	M	1.25		44.00	July 1867	11:	2	M	2.25	- 44	44"
Jan. 1857	11	3	M	1. 25	4.4	6.6	Jan. 1868	11	1	M	2, 25	6.6	44
July 1857	ii.	- ă	M	1. 25	6.6	4.6	July 1868	îĩ	1	M	2, 25	6.6	44
Jan. 1858	îî	3	M	1. 25	4.4	4.4	Jan. 1869	11	2	M	2, 25	6.6	46
July 1858	11	3	M	1. 25	4.6	6.6	July 1869	îî	2	M	2. 25	6.6	44
Jan. 1859	11	9	M	1. 25	4.6	44	Jan. 1870	11	2	M	2, 25	66	44
July-1859	11	3	M	1. 25	4.6	4.6	July 1870	11	2	M	2, 25	44	44
Jan. 1860	11	3	M	1. 25	16	6.6	Jan. 1871		* 2	M	2. 25	4.6	44
	11	3	M	1, 25	6.4	44	July 1871	11 11	ī	M	2, 25	66	66
July 1867					6.6	44	Jan. 1872	11	2	M	2. 25	66	66
Jan. 1861	11	3	M	1.25	6.6	44	Dan. 1012	1,1			2. 20		
July 1861	11	3	M	1. 25									
Jan. 1862	11	3	M	1.25	44	44	July 1872	11	1	M	2.50	44	4.6
July 1862	11	3	M	1. 25	4.6	4.6	5 miy 1072	ii	Îî	M	2.75	46	4.6
Jan. 1863	11	3	M	1.30	6.6	44	11	11			2		
July 1863	11	2	M	2,00	6.6	44	A wrome oro	11	2	M	2, 621	44	44
Jan. 1864	11	3	M	1.75	1.5	4.6	Average	11	<i>-</i>	, m	2. 024	I	
July 1864	11	l ī	M	2.00	4.6	1.6	1		ļ				
Jan. 1865	11	2	M	2,00	6.6	64	Jan. 1873	. 11	1	M	2.50	6.6	44
July 1865	îî	2	M.	2.00	44	66		` 11	1	M	2.75	66	4.6
Jan. 1866	11	2	M	2.00	6.6	66	11						
	11	2	M	2.00	64	66	Average	11	2	M	2.62	. 46	66
July 1866	TŤ	. 2	177	1 2.00			Il TANTARO			,			

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK-Continued.

STABLEMEN-Concluded.

Payroll of—	Hours per day	Different employés.	Sex.	Rate	of '	wages.	Payroll of—	Hours per. day.	Differ ent employés.	Sex.	Rate	of	wages.
July 1873	11 11	1 1	M M	\$2, 50 2, 75	per	day.	Jan. 1881	11. 11 ^t	1	M M	\$2.00 2.50	per	day.
Average	11	2	M	2. 62½			Average	11	2	M	2. 25	"	44
an. 1874	11 11	1 1	M M	2. 50 2. 75	44	**	July 1881	- 11 - 11	1 1.	M M	2.00 2.50	"	11
Average	11	2	M	2.621	46	44	Average	11	2	M	2. 25	**	44
uly 1874	11	1 1	M M	2.50 2.75	14	44	Jan. 1882	11. 11.	1	M M	2.00 2.50	41	44
Average		2	M	2.62	44	**	Average	11;	2	M	2. 25	44	44
an. 1875	11	1	м	2, 50	14	46	July 1882	11, 11	1	M M	2.00 2.50	44	44
	11	1	M	2.75	44		Average	11	2	M	2. 25	44	44
Average	11	2	M	2.62½ 2.50	64		Jan. 1883	11 ⁻ 11	1 1	M M	2.00 2.50	44	66
uly 1875	111	1	M	2. 75	**	66	Average	11	2	М	2. 25	44	44
Average	11	2	М	2.621	41	14	July 1883	11 11	1 1	M M	2.00 2.50	41	44
an. 1876	11	1	M	2.50 2.75	11	44	Average	11	2	M	2. 25	44	44
Average	11	2	M	2. 62 <u>3</u>		44	Jan. 1884	11 11	1	M M	2. 25 2. 50	6 6 6 6	66
uly 1876	11	1	М	2.50	**	44	Average	11	2	M	2. 371	**	46
Average	11	1 2	M	2. 75 2. 62 1	"	44	July 1884	11. 13	1 1	M M	2. 25 2. 50	"	44
an. 1877	11 11	1	М	2.50	16	44	Average	11	2	M	2.37	**	44
A.verage	-	1 2	M	2.75	**		Jan. 1885	11. 11	1 1	M M	2. 25 2. 50	11	44
uly 1877	.11	1	M	2.50 2.75	66	44	Average	11	2	М,	2. 371	"	41
Average		2	M	2.621	44	44	Jüly 1885	11. 11.	1 1	M M	2. 25 2. 50	16	46
Гап. 1878	11 11	1 1	M M	2.50 2.75	44	44	Average	11	2	M	2. 371	44	44
Average		2	м	2. 621	16	**	Jan. 1886	11 11	1 1	M M	2, 00 2, 25	44	44
Tuly 1878 Jan. 1879	11 11	2 2	M M	2.50 2.50	**	41	Average	11.	2	M	2. 121	44	44
July 1879	11 11	1 1	M M	2.00 2.50	66	66	July 1886	11	1	M	2, 00 2, 25	44	44
Average		. 2	М	2. 25	"	44	Average	11	2	M	2. 121	44	44
Гап. 1880	11 11	1 1	M M	2.00 2.50	44	4.4 4.4	Jan. 1887 July 1887 Jan. 1888	11 11, 11	. I	M M M	2. 25 2. 25 2. 25	14 14	64 64
Average	l	2	M	2. 25		44	July 1888 Jan. 1889	11. 11.	i 1	M M	2. 25 2. 25	44	64 44
Гц lу 1880	11	1 1	M M	2.00 2.50	44	44	July 1889 Jan. 1890 July 1890	11 11 11	1 1	M M M	2. 25 2. 25 2. 25 2. 25	46	46
Average		2	М	2. 25	44	41	Jan. 1891 July 1891	ji 11	î 1	M	2. 25 2. 25	**	44

ILLUMINATING GAS: ESTABLISHMENT No. 47, NEW YORK-Concluded. TINSMITHS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1872 Jan. 1873 July 1873 July 1874 July 1875 July 1875 July 1875 July 1876 Jan. 1876 July 1877 July 1877 July 1878	10 10 10 10 10 10 10 10 10 10	1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M	\$4,00 4,00 4,00 4,00 4,00 4,00 4,00 4,00	per day.	July 1882 Jan. 1883 July 1883 Jan. 1884 July 1884 Jan. 1885 July 1886 July 1886 July 1886 July 1887 July 1888 July 1888 July 1888 July 1888	10 10 10 10 10 10 10 10 10 10 10 10 10	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M	\$3, 25 3, 25	14 44 44 44 44 44 44 44 44 44	day.
July 1879 Jan. 1880 July 1880 Jan. 1881 July 1881 Jan. 1882	10 10 10 10 10 10	1 1 1 1	M M M M M M	3,00 3,00 3,00 3,00 3,00 3,25	16 66 16 66 16 66 16 66	July 1889 Jan. 1890 July 1890 Jan. 1891 July 1891	10 10 10 10 10	1 1 1 1	M M M M	3. 25 3. 26 3. 25 3. 25 3. 25 3. 25	66 66 66 46	44 45 46

ILLUMINATING GAS: ESTABLISHMENT No. 48, OHIO. BLACKSMITHS.

Jan. 1849 10 1, 50 per day. July 1864 10 1 М 2, 50 per day. July 1849 10 1111111111 $\tilde{\mathbf{M}}$ 1, 50 10 $\hat{2}$ $\overline{\mathbf{M}}$ 2.75 Jan. 1850 July 1850 1, 50 MM .. 10 1, 50 .. 10 3 M 2,661 44 10 Average M ., .. Jan. 1851 10 1,50 44 . . July 1851 10 1.50 M Jan. 1865 10 1 2.50 10 M 1.50 1.50 6.6 4.5 Jan. 1852 . . 3.00 10 2 M M .. July 1852 10 M M M 1.50 Jan. 1853 10 Average 10 3 M 2, 834 .. 41 July 1853 10 1 1.50 .. 46 Jan. 1854 10 1 1.50 .. 1 2 M 2, 50 .. July 1854 10 1 1.50 July 1865 10 2.00 66 66 6 6 6 6 M Jan. 1855 10 1 M 1.50 10 46 July 1855 10 1 M 1.50 4.6 H М 2.831 44 Jan. 1856 10 1 M 1.50 Average 10 July 1856 10 ī M 1.75 6 6 Jan. 1857 10 ī M 1.75 Jan. 1866 10 1 M 2, 75 44 4 6 6.6 July 1857 ĩō ī M 1.50 46 44 2 3.50 10 46 Jan. 1858 10 M 1.50 1111 iA 10 M 1.50 July 1858 66 4 6 Average 3 M 3, 25 10 44 46 1.50 10 M Jan. 1859 64 10 M 1.50 July 1859 .. 2.75 3.50 Jan. 1860 10 ĩ M 1.50 July 1866 10 1 \mathbf{M} July 1860 î M 1.50 44 44 íñ 2 M 10 î M 1,50 14 46 Jan. 1861 10 3. 25 July 1861 î 44 44 10 3 M 10 м 1.50 Average î M 1. 50 6.6 Jan. 1862 10 10 2.75 3.50 44 .. Jan. 1867 M 12 46 44 10 10 1 M 1.50 July 1862 46 44 M 10 $\bar{2}$ $\overline{\mathbf{M}}$ 44 4.6 1.75 44 66 İΟ 3 M 3, 25 Average 1.661 46 66 3 M Average 10 .. 2, 75 .. 46 10 1.75 July 1867 10 1 M Jan. 1863 1 M . . 3, 50 6 6 .. M 10 2 M 9 10 2,00 3, 25 64 66 10 3 M M 1.911 Average Average 10 3 2.75 66 6.6 10 M July 1863 10 1 м 1,75 Jan. 1868 1 44 66 66 $\bar{2}$ M 3,50 10 2 M 2.25 10 6 6 41 3 M 3, 25 44 64 10 Average 10 3 M $2.08\frac{1}{6}$ Average M 2,75 Jan. 1864 66 July 1868 10 1 10 3. 50 44 .. " 44 2 M 2 M 2.75 10 10 3, 25 41 46 M Average 66 66 3

Average

10 |

10

3 | M 2.584

ILLUMINATING GAS: ESTABLISHMENT No. 48, OHIO—Continued.

BLACKSMITHS—Conclud	ed.
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Payroll of—	Hours per day.	Different employés	Sex.	Rate	of	wages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of	wages.
Jan. 1869	10 10	1 2	M M	\$2, 75 3, 50	per	day.	Jan. 1876	. 10 . 10	1 2	M M	\$2.75 3.50	per	day.
Average	10	3	M	3. 25	6.6	6.6	Average	10	3	M	3. 25	"	46
July 1869	10 10	1 2	, M M	2.75 3.50	11	61	July 1876	10 10	1 2	M	2.50 3.00	**	44
Average	10	3	M	3. 25	44	**	Average		3	M	2.831	44	14
Jan. 1870	10 10	$\frac{1}{2}$	M M	2.75 3.50	"	14	Jan. 1877	10 10	1 2	M	2. 50 3. 00	11	66
Average	10	3	M	3. 25	11	16	Average	10	. 3	M	2.831	44	"
July 1870	10	1	M	2.75		ı ı	July 1877	10 10	1 2	M M	2. 25 2. 50	44	16
	10	2	M	3.50	44	44	Average	10	3	М	2. 411	**	44
Average	10	3	M	3. 25	16	44	Jan. 1878	. 10 10	1 2	M M	2, 25 2, 50	44	66
Jan. 1871	10 10	1 2	M	2.75 3.50	"		Average	10	3	M	2.411	46	66
Average	10	3	М	3. 25	"	44	July 1878	10 10	1 2	M M	2. 25 2. 50	6 E	11
July 1871	10 10	$\frac{1}{2}$	M M	2.75 3.50	**	44	A verage	10	3	M	2.411	41	**
Average	10	3	м	3. 25	66	66	Jan. 1879	10 10	1 2	M M	2. 2 5 2. 5 0	"	"—
Jan. 1872	10 10	. 1	M M	2.75 3.50	"	44	Average	10	3	М	2.411		44
Average	10	3	М	3. 25	"	41	July 1879	10 10	1 2	M M	2. 25 2. 50	"	**
July 1872	10 10	1 2	M M	2.75 3.50	44	44	Average	10	3	м	2. 411	44	41
Average	10	В	М	3. 25	11	44	Jan. 1880	10 10	1 2	M	2. 25 2. 50	"	44
Jan. 1873	10 10	1 2	M M	2. 75 3. 50	11	44	Average	10	3	M	2. 41	14	**
Average	10	3	M	3. 25	4.1	41	July 1880	10 10	1 2	M	2. 25 2. 50		11
July 1873	10 10	$\frac{1}{2}$	M M	2.75 3.50	**	6.4 6.4	Average	10	9	М	2. 41½	"	16
Average	10	3	M	3. 25	"	**	Jan. 1881 July 1881	10 10	2 2	M	2.50	16	46
Jan. 1874	10 10	1 2	M M	2.75 3.50	"	11	Jan. 1882 July 1882 Jan. 1883	10 10 10	2 2 2	M M M	2. 50 2. 50 2. 50	11	11
Average	10	3	M	3. 25	"	14	July 1883 Jan. 1884	10 10	2 2	M	2, 50 2, 50	44	66
July 1874	10 10	1, 2	M M	2.75 3.50	41	44	July 1884 Jan. 1885 July 1885	10 10 10	2 2 2	M M M	2.50 2.50 2.50	44	46 46
Average	10	3	м	3. 25	46	46	Jan. 1886 July 1886	10 10	.2	M M	2. 25 2. 25	11	11
Jan. 1875	10 10	1 2	M M	2. 75 3. 50	44	. 11	Jan, 1887 July 1887 Jan, 1888	10 10 10	2 2 2 2	M M M	2. 25 2. 25 2. 25	44 44	66 69
Average	10	3	м	3, 25	**	**	July 1888 Jan. 1889	10 10	2 2	M	2, 25 2, 25	44	44
July 1875	10 10	1 2	M M	2.75 3.50	44	11	July 1889 Jan. 1890 July 1890	10 10 10	2 2 2	M M M	2. 25 2. 25 2. 25	44	44
Average	10	3	M	3. 25	44	44	Jan. 1891 July 1891	10 10	2 2	M M	2. 25 2. 25	41	14

ILLUMINATING GAS: ESTABLISHMENT No. 48, OHIO—Continued. BLACKSMITHS' HELPERS.

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Payroll	Hours	Different	Sex.	Rate of wages.	Payroll (Hours per	TMERGINE	Sex.	Rate	of v	wages.
of-	day.	employés.	DUA.	Tutto or wagos.	of—	day.	employés.	OUA.		-	n agoss
								l			
Jan. 1849	10	1	M	\$0.87% per day.	Jan. 1877	10	1	M	\$1.75	per	day.
July 1849	10	1	M	. 87	July 1877	10	1	M	1.50	- 11	44."
Jan. 1850	10	1	M	871 11 11	Jan. 1878	10	1	M	1.50 1.50	64	66
July 1850	10	1	M	.871 " "	July 1878 Jan. 1879	10	1 1	M	1.50	449	66
Jan. 1851	10 10	1 1	M	.871 " "	July 1879	10	î	M	1.50	4.4	6.6
July 1851 Jan. 1852	10	î	M	.87 4 44	Jan. 1880	10	1	M	1.50	4.6	6.6
July 1852	10	. 1	M	. 87 1 11 11	July 1880	10.	1	M	1.50	"	
Jan. 1853	10	1	M	1.00 44 44	Yes 1001	10	1	м	1.50	44	44
July 1853	10	1	M	1.00 " "	Jan. 1881	10	1	M	1.75	44	44
Jan. 1854 July 1854	10	î	M	1.00 " "	,	10,					
Jan. 1855	10	i	M	1.00 " "	Average	10	2	M	$1.62\frac{1}{2}$	44	41
July 1855	10	1	M	1.00 "			_	3.5	1 50	44	"
Jan. 1856	10	1	M	1.00 44 44	July 1881	10	1 1	M	1.50 1.75	44	61
July 1856	10	1	M	1.00 " "		10	1	TAT	1.10		
Jan. 1857 July 1857	10 10	1 1	M M	1.00 11 11	Average	10	2	M	1.621	6.6	64
Jan. 1858	10	i	M	1.00 " "					1	46	11
July 1858	10	1	M	1.00 14 44	Jan. 1882	10.	1	M	1.50	44	44
Jan. 1859	10	1	M	1.00 44 44		10	1	M	1.75	•••	
July 1859	10	1 1	M	1.00 " "	Average	10	2	M	1.62	1.44	44
Jan. 1860 July 1860	10	- 1	M	1.00 " "	Liverage	10,	_		1		
Jan. 1861	10	1	M	1.00 11 11	July 1882	10	1	M	1,50	4.6	66
July 1861	10	1	M	1.00 " "		10	1	M	1.75	4.6	**
Jan. 1862		1	M	1.00 " "	Average	10	2	м	1, 621	44	44
July 1862	10	1 1	M	1.15 " "	Avorage	1,0	-				
Jan. 1863 July 1863	10	î	M	1. 25 " "	Jan. 1883	10	1 1	M	1.50	44	44
Jan. 1864	10	1	M	1.75 " "		10	" 1	M	1.75	11	44
July 1864	10	1	M	2.00 " "	Average	10	2	M	1.621	66	4.6
Jan. 1865	10	1 1	M	2.00	Average	10	"	1	1.022		
July 1865 Jan. 1866	10	1	M	2.00 " "	July 1883	10	1	M	1.50	14	66
July 1866		1	M	2.00 " "	*	10	1	M	1.75	"	11
Jan. 1867	10	1	M	2.00 " "	A	10	2	M	1.621	44	44
July 1867		1 1	M	2.00 " "	Average	10	2		1.025		
Jan. 1868 July 1868	10 10	1 1	M	2.00	Jan. 1884	10	2	M.	1, 50	44	66
Jan. 1869		1	M	2.00 " "	July 1884	10	1	M	1.50	66	44
July 1869		1	M	2.00 " "	Jan. 1885	10	1	M	1, 50 1, 50	16	64
Jan. 1870	10	1	M	2.00	July 1885 Jan. 1886	10 10	1 1	M	1. 25	44	44
July 1870		1 1	M	2.00 " "	July 1886	10	i	M	1. 25	4.6	64
Jan. 1871 July 1871		i	M	2.00 " "	Jan. 1887	10	1	M	1. 25	66	46
Jan. 1872		1	M	2.00 " "	July 1887	10	1	M	1. 25	44	44
July 1872	10	1	M	2.00 " "	Jan. 1888	10	1 1	M	1.50	44	44
Jan. 1873		1	M	2.00 " "	July 1888 Jan. 1889	10	1	M	1,50	11	24
July 1873 Jan. 1874		1 1	M	2.00 " "	July 1889	10	1	M	1.50	4.6	44
July 1874		i		2.00 44 46	Jan. 1890	10	1	M	1.50	41	46
Jan. 1875		1	M	2.00 " "	July 1890	10	1	M	1.50 1.65		44
July 1875	10		M	2.00 " "	Jan. 1891	10 10	1 1	M	1.65	1 46	64
Jan. 1876				2.00	July 1891	10	1	1	1.00		
oury 1876	10	1	MI	1.10	II.		1		<u> </u>		
July 1876		1		1.75 " "	LAVEDS		,		<u> </u>		

BRICKLAYERS.

										_
July 1856 1 July 1857 1 Jan. 1857 1 Jan. 1858 1 July 1858 1 July 1859 1 July 1860 1 July 1860 1 July 1861 1	10 2 10 2 10 2 10 2 10 2 10 2 10 2 10 2	M 2.00 M 2.00 M 2.00 M 2.00 M 2.00 M 2.25 M 2.25 M 2.25 M 2.25 M 2.25 M 2.25 M 2.25 M 2.25 M 2.25 M 2.25 M 2.25	per day. """ """ """ """ """ """ """	Jan. 1863 July 1893 Jan. 1864 July 1884 Jau. 1885 July 1886 July 1886 July 1887 July 1887 July 1887 Jan. 1868 July 1888 July 1888 July 1888 July 1888	10 10 10 10 10 10 10 10 10 10 10 10 10 1	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	M M M M M M M M M M M	2. 75 2. 75 3. 00 4. 00 4. 00 4. 00 4. 50 5. 00 5. 00 5. 00 5. 00 5. 00	per day *** *** *** *** *** *** ***	

ILLUMINATING GAS: ESTABLISHMENT No. 48, OHIO-Continued.

BRICKLAYERS-Concluded.

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Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of .	wages	١.
Jan. 1870 July 1870 Jan. 1871 July 1871 Jan. 1872 July 1872	10 10 10 10 10 10	2 2 5 5 5 5	M M M M M	\$5.00 5.00 5.00 5.00 5.00 5.00	per	day.	Jan. 1883 July 1883 Jan. 1884 July 1884 Jan. 1885	10 10 10 10 10	14 9 9 1	M M M M	\$3, 50 3, 50 3, 50 3, 83 3, 50	per	day.	
Jan. 1873	10	5	M	5.00	4.6	44	Dan. 1000	10	ı	M	3.83	14	46	
July 1873 Jan. 1874 July 1874	10 10 10	. 2 2 2	M M M	5.00 5.00 5.00	44	14	Average	10	10	М	3. 531	44	"	
Jan. 1875 July 1875	10 10	$\frac{2}{2}$	M M M	4.50 4.50	66	44 44	July 1885 Jan. 1886	10 10	9	M	3.50 3.50	16	11	-
Jan. 1876 July 1876	10	2 2	M	4.50	"	**	July 1886 Jan. 1887	10 10	9	M M	3.50 3.25	11	44	
Jan. 1877	10	2 2	M	4.00	44	**	July 1887	10	9	M	3. 25	6.6	6.6	
July 1877 Jan. 1878	10 10	$\frac{2}{2}$	M M	4,00 4,00	44	66	Jan. 1888 July 1888	10 10	9 9	M M	3. 25 3. 25	**	"	
July 1878	10	2	M	4.00	44	44	Jan. 1889	10	9	M	3, 25	44	66	
Jan. 1879	10	4	M	4.00	4.6	44	July 1889	10	9	M	3, 25	44	**	
July 1879	10	4	M	4.00	41	44	Jan. 1890	10	9	M	3, 25	4.4	66	
Jan. 1880	10	4	M	3.75	11	61	July 1890	10	9	M	3. 25	6.6	44	
July 1880	10	9	M	3.50	44	44	Jan. 1891	10	D	M	3, 25	4.6	46	
	10	4	M	3.75	4.6	**	1	10	_ 5	M	4.00	14	"	
Average	10	13	M	3. 57½	**	44	Average	10	14	M	3. 52	44	44	
Jan. 1881	10	13	M	3.50	64	4.6	July 1891	10	9	M	3. 25	"	16	
July 1881	10	13	M	3, 50	44	44		10	5	M	4.00	"	14	
Jan. 1882 July 1882	10 10	13 12	M M	3.50 3.50	44	66	Average	10	14	М	3. 52	"	"	
			!				. i							

CARPENTERS.

July 1856 10 4 M 1.50 por day. July 1863 10 2 M 2.00 per day. July 1857 10 4 M 1.50 " July 1864 10 2 M 2.25 " " July 1858 10 4 M 1.50 " " July 1865 10 1 M 2.50 " " July 1858 10 4 M 1.50 " " July 1865 10 1 M 2.50 " " July 1859 10 4 M 1.50 " July 1866 10 1 M 3.00 " " Average 10 4 M 1.50 " July 1866 10 1 M 2.50 " " Jan. 1860 10 4 M 1.50 " July 1867 10 1 M 2.50 "										_				
Jan. 1867 10 4 M 1.50 " July 1867 10 2 M 2.25 " Unly 1868 10 2 M 2.50 " Unly 1868 10 1 M 2.50 " Unly 1868 10 1 M 2.50 " Unly 1868 10 1 M 2.50 " Unly 1868 10 1 M 2.50 " Unly 1868 10 1 M 2.50 " Unly 1868 10 1 M 2.50 " Unly 1868 10 1 M 2.00 " Unly 1868 10 1 M 2.50 " Unly 1868 10 1 M 2.50 " Unly 1868 10 1 M 2.50 " Unly 1868 10 1 M 2.50 " Unly 1868 10 1 M 2.50 " Unly 1868 10 1 M 2.50 " Unly 1868 10 1 M 2.50 " Unly 1868 10 1 M 2.25 " Unly 1868 10 1	July 1856	10	4	м	1.50	per	dav.	July 1863	10	2	М	2.00	ner	dav.
July 1867 10 4 M 1.50 " " Jan. 1865 10 1 M 2.50 " " Jan. 1865 10 1 M 2.50 " " Jan. 1865 10 1 M 2.50 " " Jan. 1865 10 1 M 2.50 " " Jan. 1865 10 1 M 3.00 " " Jan. 1866 10 1 M 3.00 " " Jan. 1866 10 1 M 3.00 " " Jan. 1866 10 1 M 2.50 " " Jan. 1866 10 1 M 2.50 " " Jan. 1866 10 1 M 2.50 " " Jan. 1866 10 1 M 2.50 " " Jan. 1868 10 1 M 2.50 " " Jan. 1868 10 1 M 2.50 " " Jan. 1868 10 1 M 2.50 " " Jan. 1868 10 1 M 2.50 " " Jan. 1868 10 1 M 2.25 " " Jan. 1868 10 1 M 2.25 " " Jan. 1868 <t< td=""><td></td><td>10</td><td>4</td><td>M</td><td>1.50</td><td></td><td></td><td></td><td></td><td>2</td><td></td><td></td><td></td><td>"</td></t<>		10	4	M	1.50					2				"
Jan. 1858 10 4 M 1.50 " " July 1858 10 1 M 2.50 " " July 1858 10 1 M 2.50 " " July 1865 10 1 M 2.50 " " July 1866 10 1 M 3.00 " " July 1866 10 1 M 3.00 " " July 1866 10 1 M 2.50 " " July 1866 10 1 M 2.50 " " July 1866 10 1 M 2.50 " " July 1866 10 1 M 2.50 " " July 1866 10 1 M 2.50 " " July 1866 10 1 M 2.50 " " July 1866 10 1 M 2.50 " " July 1866 10 1 M 2.50 " " July 1866 10 1 M 2.50 " " July 1866 10 1 M 2.50 " " July 1866 10 1 M 2.25 " " July 1869 10 1 M 2.25 " " July 1860 <t< td=""><td></td><td>10</td><td></td><td>M</td><td></td><td>4.6</td><td>4.6</td><td></td><td></td><td></td><td></td><td></td><td>11</td><td>64</td></t<>		10		M		4.6	4.6						11	64
July 1888 10 4 M 1.50 " July 1865 10 1 M 3.00 " " Jan. 1869 10 4 M 1.50 " Jan. 1866 10 1 M 3.00 " " July 1859 10 4 M 1.50 " Jan. 1867 10 1 M 2.50 " Jan. 1867 10 1 M 2.50 " Jan. 1868 10 1 M 2.50 " Jan. 1868 10 1 M 2.50 " Jan. 1868 10 1 M 2.50 " Jan. 1868 10 1 M 2.50 " Jan. 1868 10 1 M 2.50 " Jan. 1868 10 1 M 2.25 " Jan. 1878 10 1 M 2.25 " Jan. 1870 10 1 M 2.25 " Jan. 1871 10 1						* 64	44						4.6	4.6
Jan. 1859 10 4 M 1.50 " Jan. 1866 10 1 M 2.00 " July 1859 10 1 M 2.75 " " July 1866 10 1 M 2.50 " " July 1867 10 1 M 2.50 " " July 1867 10 1 M 2.50 " " July 1868 10 1 M 2.50 " " July 1868 10 1 M 2.50 " " July 1868 10 1 M 2.50 " " Jan. 1868 10 1 M 2.50 " " Jan. 1868 10 1 M 2.50 " " Jan. 1868 10 1 M 2.25 " " Jan. 1879 10 1 M 2.25 " " Jan. 1870 10 1 M 2.25 " " Jan. 1870 10 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>14</td> <td>4.6</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>4.4</td> <td>44</td>						14	4.6						4.4	44
July 1859 10 4 M 1.50 " July 1866 10 1 M 2.75 " " Average 10 1 M 1.52½ " July 1867 10 1 M 2.75 " " Average 10 5 M 1.52½ " July 1868 10 1 M 2.50 " " Jan. 1860 10 4 M 1.50 " July 1868 10 1 M 2.50 " July 1868 10 1 M 2.25 " " Jan. 1860 10 4 M 1.50½ " July 1869 10 1 M 2.25 " " Average 10 5 M 1.52½ " Jan. 1870 10 1 M 2.25 " " July 1860 10 1 M 1.50½ " Jan. 1871 10 <td></td> <td></td> <td></td> <td>M</td> <td></td> <td>44</td> <td>4.6</td> <td></td> <td></td> <td>ī</td> <td></td> <td></td> <td>44</td> <td>. 66</td>				M		44	4.6			ī			44	. 66
July 1859 10 4 M 1.50 " Jan. 1867 10 1 M 2.50 " July 1867 10 1 M 2.50 " " July 1867 10 1 M 2.50 " " July 1868 10 1 M 2.50 " " July 1868 10 1 M 2.50 " " July 1868 10 1 M 2.50 " " July 1868 10 1 M 2.50 " " July 1869 10 1 M 2.25 " " July 1869 10 1 M 2.25 " " July 1870 10 1 M 2.25 " " Average 10 1 M 1.50 " Jan. 1871 10 1 M 2.25 " " July 1860 10 1 M 1.62½ " Jan. 1872 10 <td>0 1121 3100</td> <td></td> <td>_</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>44</td> <td>66</td>	0 1121 3100		_										44	66
Average 10 5 M 1.52½ " " July 1867 10 1 M 2.50 " " Jan. 1868 10 July 1868 10 July 1868 10 July 1868 10 July 1868 10 July 1868 10 July 1868 10 July 1869 10 1 M 2.25 " " July 1869 10 1 M 2.25 " " July 1869 10 1 M 2.25 " " July 1870 10 1 M 2.25 " " July 1860 10 1 M 2.25 " " July 1870 10 1 M 2.25 " " July 1860 10 1 M 2.25 " " July 1870 10 1 M 2.25 " " July 1870 10 1 M 2.25 " " July 1870 10 1 M 2.25 " " July 1870 10 1 M 2.25 " " July 1870 10 1 M 2.25 " " July 1870 10 1 M 2.25 " " July 1870 10 1 M 2.25 " " July 1870 10 1 M 2.25 " " July 1870 10 1 M 2.25 " " July 1872 10 1 M 2.25 " " July 1872 10 1 M 2.50 " " July 1872 10 1 M 2.50 " " July 1873 10 1 M 2.50 " " July 1873 10 1 M 2.50 " " July 1873 10 1 M 2.50 " " July 1873 10 1 M 2.50 " " July 1874 10 1 M 2.50 " " July 1874 10 1 M 2.50 " " July 1875 10 1 M 2.50 " " July 1875 10 1 M 2.50 " " July 1875 10 1 M 2.50 " " July 1875 10 1 M 2.50 " " July 1875 10 1 M 2.50 " " July 1875 10 1 M 2.50 " " July 1875 10 1 M 2.50 " " July 1876 10 1 M 2.50 " " July 1877 10 1 M 2.50 " " July 1878 10 1 M 2.50 " " July 1878 10 1 M 2.50 " " July 1878 10 1 M 2.50 " " July 1878 10 1 M 2.50 " " July 1878 10 1 M 2.50 " " July 1878 10 1 M 2.50 " " July 1878 10 1 M 2.50 " " July 1878 10 1 M 2.50 " " July 1878 10 1 M 2.50 " " July 1878 10 1 M 2.50 " " July 1878 10 1 M 2.00 " " July 1878 10 1 M 2.00 " " July 1878 10 1 M 2.00 " " July 1878 10 1 M 2.00 " " July 1879 10 July 1879 10 1 M 2.00 " " July 1879 10 July 1879 10 1 M 2.00 " " July 1879 10 July 1879 10 1 M 2.00 " " July 1879 10 July 1	July 1859	10	4	м	1.50	6.6	44						4.4	£ E
Average 10 5 M 1.52½ " " July 1868 10 1 M 2.55 " " July 1869 10 1 M 2.25 " " July 1869 10 1 M 2.25 " " July 1869 10 1 M 2.25 " " July 1860 10 1 M 2.25 " " July 1860 10 1 M 2.25 " " July 1860 10 1 M 2.25 " " July 1860 10 1 M 2.25 " " July 1860 10 1 M 2.25 " " July 1860 10 1 M 2.25 " " July 1870 10 1 M 2.25 " " July 1870 10 1 M 2.25 " " July 1870 10 1 M 2.25 " " July 1870 10 1 M 2.25 " " July 1870 10 1 M 2.25 " " July 1870 10 1 M 2.25 " " July 1871 10 1 M 2.25 " " July 1871 10 1 M 2.25 " " July 1872 10 1 M 2.25 " " July 1872 10 1 M 2.25 " " July 1872 10 1 M 2.25 " " July 1872 10 1 M 2.50 " " July 1873 10 1 M 2.50 " " July 1873 10 1 M 2.50 " " July 1873 10 1 M 2.50 " " July 1873 10 1 M 2.50 " " July 1873 10 1 M 2.50 " " July 1874 10 1 M 2.50 " " July 1875 10 1 M 2.50 " " July 1875 10 1 M 2.50 " " July 1875 10 1 M 2.50 " " July 1875 10 1 M 2.50 " " July 1875 10 1 M 2.50 " " July 1875 10 1 M 2.50 " " July 1876 10 1 M 2.50 " " July 1877 10 1 M 2.50 " " July 1877 10 1 M 2.50 " " July 1877 10 1 M 2.50 " " July 1877 10 1 M 2.50 " " July 1877 10 1 M 2.50 " " July 1878 10 1 M 2.50 " " July 1878 10 1 M 2.50 " " July 1878 10 1 M 2.50 " " July 1878 10 1 M 2.00 " " July 1878 10 1 M 2.	o ary root					44	6.6						1.6	
Average 10 5 M 1.52½ " " July 1868 10 1 M 2.25 " " Jan. 1860 10 1 M 2.25 " " Jan. 1869 10 1 M 2.25 " " July 1869 10 1 M 2.25 " " July 1869 10 1 M 2.25 " " July 1869 10 1 M 2.25 " " July 1869 10 1 M 2.25 " " July 1860 10 1 M 2.25 " " July 1860 10 1 M 2.25 " " July 1860 10 1 M 2.25 " " July 1870 10 1 M 2.25 " " July 1870 10 1 M 2.25 " " July 1870 10 1 M 2.25 " " July 1870 10 1 M 2.25 " " July 1870 10 1 M 2.25 " " July 1871 10 1 M 2.25 " " July 1871 10 1 M 2.25 " " July 1872 10 1 M 2.25 " " July 1873 10 1 M 2.50 " " July 1873 10 1 M 2.50 " " July 1873 10 1 M 2.50 " " July 1873 10 1 M 2.50 " " July 1873 10 1 M 2.50 " " July 1873 10 1 M 2.50 " " July 1874 10 1 M 2.50 " " July 1874 10 1 M 2.50 " " July 1875 10 1 M 2.50 " " July 1875 10 1 M 2.50 " " July 1875 10 1 M 2.50 " " July 1875 10 1 M 2.50 " " July 1876 10 1 M 2.50 " " July 1876 10 1 M 2.50 " " July 1876 10 1 M 2.50 " " July 1876 10 1 M 2.50 " " July 1876 10 1 M 2.50 " " July 1877 10 1 M 2.50 " " July 1878 10 1 M 2.50 " " July 1876 10 1 M 2.50 " " July 1876 10 1 M 2.50 " " July 1877 10 1 M 2.00 " " July 1878 10 1 M 2.00 " " July 1879 10 1 M 2.													4.4	14
Jan. 1860 10 4 M 1.50 " Jan. 1869 10 1 M 2.25 " Image: Control of the part of	Average	10	5	M	1.524	4.6	44			î			44	44
Jan. 1860 10 4 M 1.50 " July 1869 10 1 M 2.25 " July 1870 10 1 M 2.25 " July 1870 10 1 M 2.25 " July 1870 10 1 M 2.25 " July 1870 10 1 M 2.25 " July 1870 10 1 M 2.25 " July 1871 10 1 M 2.25 " July 1871 10 1 M 2.25 " July 1871 10 1 M 2.25 " July 1871 10 1 M 2.25 " July 1871 10 1 M 2.25 " July 1872 10 1 M 2.25 " July 1872 10 1 M 2.50 " July 1873 10 1 M 2.50 " July 1873 10 1 M 2.50 " July 1873 10 1 M 2.50 " July 1874 10 1 M 2.50 " July 1874 10 1	ar to ange				2.029								44	11
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Average 10 5 M 1.52\frac{1}{3} " " Jan. 1871 10 1 M 2.55 " " " July 1870 10 1 M 2.25 " " " July 1871 10 1 M 2.25 " " " July 1871 10 1 M 2.25 " " " July 1872 10 1 M 2.25 " " " July 1873 10 1 M 2.50 " " " July 1873 10 1 M 2.50 " " " July 1873 10 1 M 2.50 " " July 1873 10 1 M 2.50 " " July 1873 10 1 M 2.50 " " July 1873 10 1 M 2.50 " " July 1873 10 1 M 2.50 " " July 1873 10 1 M 2.50 " " July 1874 10 1 M 2.50 " " July 1875 10 1 M 2.50 " " July 1875 10 1 M 2.50 " " July 1875 10 1 M 2.50 " " July 1875 10 1 M 2.50 " " July 1875 10 1 M 2.50 " " July 1875 10 1 M 2.50 " " July 1875 10 1 M 2.50 " " July 1875 10 1 M 2.50 " " July 1875 10 1 M 2.50 " " July 1876 10 1 M 2.50 " " July 1876 10 1 M 2.50 " " July 1876 10 1 M 2.50 " " July 1876 10 1 M 2.50 " " July 1876 10 1 M 2.50 " " Jan. 1877 10 1 M 2.00 " " Jan. 1878 10 1 M 2.00 " " Jan. 1878 10 1 M 2.00 " " Jan. 1878 10 1 M 2.00 " " Jan. 1878 10 1 M 2.00 " " Jan. 1878 10 1 M 2.00 " " Jan. 1878 10 1 M 2.00 " " Jan. 1879 10 1 M 2.00 " " Jan. 1879 10 1 M 2.00 " " Jan. 1879 10 1 M 2.00 " " Jan. 1879 10 1 M 2.00 " " Jan. 1879 10 1 M 2.00 " " Jan. 1879 10 1 M 2.00 " " Jan. 1879 10 1 M 2.00 " " Jan. 1879 10 1 M 2.00 " " Jan. 1879 10 1 M 2.00 " " Jan. 1879 10 1 M 2.00 " " Jan. 1879 10 1 M 2.00 " " Jan. 1879 10 1 M 2.00 " " Jan. 1879 10 1 M 2.00 " " Jan. 1879 10 1 M 2.00 " " Jan. 1879 10 1 M 2.50 " " Jan. 1881 10 1 M 2.50 " " Jan. 1881 10 1 M 2.50 " " Jan. 1881 10 1 M 2.50 " " Jan. 1881 10 1 M 2.50 " " " July 1880 10 1 M 2.50 " " " July 1880 10 1 M 2.50 " " " July 1880 10 1 M 2.50 " " July 1880 10 1 M 2.50 " " " July 1880 10 1 M 2.50 " " " July 1880 10 1 M 2.50 " " " July 1880 10 1 M 2.50 " " " July 1880 10 1 M 2.50 " " " July 1880 10 1 M 2.50 " " " July 1880 10 1 M 2.50 " " " July 1880 10 1 M 2.50 " " " July 1880 10 1 M 2.50 " " " July 1880 10 1 M 2.50 " " " July 1880 10 1 M 2.50 " " " July 1880 10 1 M 2.50 " " " July 1880 10 1 M 2.50 " " " July 1880 10 1 M 2.50 " " " July 1880 10 1 M 2.50 " " " July 1880 10 1 M 2.50 " " " " July 1880 10 1 M 2.50 " " " " July 1880 10 1 M 2.50 " " " "													44	11
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July 1861 10 1 M 1.50 " Jan. 1877. 10 1 M 2.50 " Average 10 2 M 1.56½ " July 1877. 10 1 M 2.00 " Jan. 1862 10 1 M 1.56½ " July 1878 10 1 M 2.00 " Jan. 1862 10 1 M 1.56½ " Jan. 1879 10 1 M 2.00 " Jan. 1862 10 1 M 2.50 " Jan. 1880 10 1 M 2.50 " Average 10 2 M 1.56½ " Jan. 1880 10 1 M 2.50 " July 1880 10 1 M 2.50 " " July 1881 10 1 M 2.50 "					×1.00g								44	44
Average 10 2 M 1.56½ " " July 1877. 10 1 M 2.00 " " 4 Average 10 2 M 1.56½ " " July 1878 10 1 M 2.00 " " 4 Jan. 1882 10 1 M 1.62½ " " July 1879 10 1 M 2.00 " " 4 Average 10 2 M 1.56½ " " July 1879 10 1 M 2.00 " " 4 July 1880 10 1 M 2.50 " " Jan. 1880 10 1 M 2.50 " " 4 July 1862 10 2 M 1.66½ " " July 1880 10 1 M 2.50 " " 4 July 1862 10 2 M 1.66½ " " July 1881 10 1 M 2.50 " " 4	July 1861	10	1	м	1.50	4.6	64						4.6	64
Average 10 2 M 1.56\frac{1}{2} \cdots \frac{1}{2} \	0 day 2002					44	66						4.4	44
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10	-		_		_						M		**	44
Average 10 2 M 1.56½ " " Jan. 1880 10 1 M 2.50 " " July 1862 10 2 M 1.62½ " " July 1881 10 1 M 2.50 " " July 1862 10 2 M 1.62½ " " July 1881 10 1 M 2.50 " "	Jan. 1862									1			4.6	44
Average 10 2 M 1.56½ " " July 1880 10 1 M 2.50 " " July 1862 10 2 M 1.62½ " " July 1881 10 1 M 2.50 " "		10	1	.M.	1.62	**	**						44	14
July 1862 10 2 M 1.62 " " July 1881 10 1 M 2.50 " " July 1881 10 1 M 2.50 " "													6.6	44
July 1862 10 2 M 1.62 " " July 1881 10 1 M 2.50 " "	Average	10	2	М	1.561	**								44
	July 1862	10	2	м	1 621	44	44						6.6	44
49D, 1883 10 2 M 1 75 " " Top 1997 10 1 M 9 50 " "	Jan. 1863	10	2	M	1.75	44	44	Jan. 1882	10	1	M	2.50	44	84

ILLUMINATING GAS: ESTABLISHMENT No. 48, OHIO-Continued.

CARPENTERS-Concluded.

Payroll Hours per day.	Different employés.	Sex.	Rate	of v	wages.	Payroll of—	Hours por day.	Different employes.	Sex.	Rate	of v	vages.
July 1882 10 Jan. 1883 10 July 1883 10 Jan. 1884 10 July 1884 10 July 1885 10 Jan. 1886 10 July 1886 10 Jan. 1886 10 Jan. 1887 10	1 3 1 1 1 1 1 1	M M M M M M M M	\$2, 50 2, 50 2, 50 2, 50 2, 50 2, 50 2, 50 2, 50 2, 50 2, 50 2, 50	44 44 44 44 44 44 44	day.	July 1887 Jan. 1888 July 1888 Jan. 1889 July 1889 Jan. 1890 July 1890 July 1891 July 1891	10 10 10 10	1 1 1 1 1 1 1 1 1	M M M M M M M M M	\$2,50 2,50 2,50 2,50 2,50 2,50 2,50 2,50	per *** *** *** *** *** *** *** *** ***	day.

COAL HEAVERS.

July 1879 Jan. 1880 July 1880 July 1880 Jan. 1881 July 1881 Jan. 1882 July 1882 July 1883 July 1883 July 1883 Jan. 1884 Jan. 1885 July 1885 July 1885	12 37 12 37 12 37 12 50 12 50 12 50 12 50 12 67 12 67 12 67 12 70 12 70 12 70	M 1.75 M 1.75 M 1.75 M 1.75 M 1.75 M 1.75 M 1.75 M 1.75 M 1.75 M 1.75 M 1.75 M 1.75 M 1.75 M 1.75 M 1.75	per day.	Jan. 1886 July 1886 Jan. 1887 July 1887 Jan. 1888 July 1888 July 1888 July 1889 July 1890 July 1890 July 1890 July 1890	12 12 12 12 12 12 12 12 12 12 12 12 12 1	70 70 70 70 70 70 70 70 70 70 70	M M M M M M M M M M M	1. 75 1. 75 1. 75 1. 75 1. 75 1. 75 1. 75 1. 75 1. 75 1. 75 1. 75	per day.
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FIREMEN.

	,									,			
Jan. 1849 July 1849	12 12	22 23 22	M M M	1.15	per	day.	July 1864	12 12	85 38	M M	2. 00 2. 25	per	đạy.
Jan. 1850 July 1850	12 12	22 22	M	1. 15 1. 15	44	44	Average	12.	123	M	2.07	4.4	6.6
Jan. 1851	$\frac{12}{12}$	$\frac{2}{20}$	M M	1. 15 1. 26½	11	11	Jan. 1865	12. 12.	85 38	M M	2, 00 2, 25		44
Average	12	22	M	1. 25	6.6	**	Average	12,	123	M	2.07	41	4.6
Jul y 1851	12 12	28 2	M M	$\frac{1.26\frac{1}{2}}{1.38}$	11	44	July 1865	12 12	85 38	M M	2.00 2.25	46	**
Average	12	,80	M	1. 271	**	4.6	Average	12	123	M	2.07	ě.	6.6
Jan. 1852 July 1852 Jan. 1853 July 1853 Jan. 1854 July 1854 Jan. 1855 July 1855 July 1856 July 1856 July 1856 July 1856	12 12 12 12 12 12 12 12 12 12	28 28 28 28 34 34 34 34 40	M M M M M M M M	1. 26½ 1. 26½ 1. 26½ 1. 26½ 1. 26½ 1. 26½ 1. 26½ 1. 26½ 1. 26½ 1. 26½ 1. 26½	66 66 16 16 11 41 41 41 41 41 41 41	61 64 64 64 65 66 66 66	Jan. 1866 July 1866 Jan. 1867 July 1887 Jan. 1868 July 1868 Jan. 1869 July 1869 Jan. 1870 July 1870	12 12 12 12 12 12 12 12 12 12	123 133 153 153 153 153 153 175 267 257	M M M M M M M M M M	2. 25 2. 25 2. 25 2. 25 2. 25 2. 25 2. 25 2. 25 2. 25 2. 25 2. 25 2. 25 2. 25 2. 25	66 66 66 66 66 66 66 66	66 66 64 66 66 66 66 66 66
July 1857 Jan. 1858 July 1858	12 12 12	40- 40 40	M M M	1. 26 1. 22 1. 22	66	16	9an. 1871	12	. 155	М	2.50		
Jan. 1859 July 1859	12 12	58 58	M	1. 22± 1. 22±	11	44	Average	12	257	M	2. 40	44	
Jan. 1860 July 1860	12 12	58 58	M	$1,22\frac{1}{3}$ $1,22\frac{1}{3}$	44	44	July 1871	12. 12	102	M M	2. 25 2. 50	16	14
Jan. 1861 July 1861	12 12	58 75	M	1. 225 1. 225 1. 225	44	44	Average	12	257	M	2.40		4.6
Jan. 1862 July 1862 Jan. 1863	12 12 12	75 75 75	M M M	1, 22 1 1, 38 1, 42	44	61	Jan. 1872	12; 12;	102 155	M	$\frac{2.25}{2.50}$	44	"
July 1863 Jan. 1804	12 12	75 90	M	1. 72½ 2. 50	44	44	Average	12	257	M	2.40	44	44

ILLUMINATING GAS: ESTABLISHMENT No. 48, OHIO-Continued.

FIREMEN-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of v	wage
July 1872	12 12	102 170	M M	\$2. 25 2. 50	per	rday.	Jan. 1881	12 12	30 70	<u>М</u> .!!	\$2,00 2,25	per	day,
Average	12	272	M	2. 401	6.6	11	Average	12	100	М	2. 17	44	16
Jan. 1873 July 1873 Jan. 1874	12 12 12	84 84 124	M M M	2.50 2.50 2.50	66		July 1881	12 12	30 91	M M	2. 00 2. 25	"	44
July 1874	12	30	м	2, 25	4.6		Average	12	\ 121	M	2. 19	44	44
	12	100	М	2. 50	**		Jan. 1882	12 12	30 91	M	2.00 2.25	44	"
Average	12	130	M	2.44	**		Average	12	121	M	2.19	11	**
Jan. 1875	12	100	M	2. 25 2. 50	11	4.6	July 1882	12 12	30 91	M M	2.00 2.25	11	ii ii
Average	12	130	M	2.44	**		Average	12	121	M	2. 19	11	ţı
July 1875	12 12	30 42	M	2. 25 2. 50	**	44	Jan. 1883	12 12	30 91	M M	2.00 2.25	41	44
Average	12	72	M	2. 391	"		Average	12	121	M	2. 19	и	ıı
Jan. 1876	12 12	30 42	M	2. 25 2. 50	84	44	July 1883	12 12	30 106	M M	2. 00 2. 25	11	"
Average	12	72	М	2. 391	**		Average	12	136	М	2, 19	"	11
July 1876	12 12	30 42	M	2. 25 2. 50	16		Jan. 1884	12 12	30 106	M	2.00 2.25	44	64 41
Average	12	72	M	$2.39\frac{1}{2}$	44	66	Avérage	12	136	M	2. 191	66	16
Jan. 1877	$\frac{12}{12}$	30 42	M M	2. 25 2. 50	11		July 1884	12	36	м	2.00	41	44
Average	12	72	M	2. 391	**	44	Jan. 1885	12	36	M	2, 00 2, 25	44	44
July 1877	12 12	30 50	M M	2.00 2.25	44	44	Average	12	102	- M - M	2. 18	44	ıı
Average	12	80	М	2, 15%	64	61	July 1885	, 12 12	36 102	M M	2.00 2.25	"	"
Jan. 1878	12 12	30 50	M M	2.00 2.25	44		Average	12	138	м	2.18	"	"
Average	12	80	M	2. 151	44	"	Jan. 1886	12 12	36 102	M M	2.00 2.25	14	11
July 1878	12 '12	30 50	M M	2.00 2.25	44	"	Average	12	138	м	2. 181	14	**
Average	12	80	M	2. 151	**	"	July 1886	12 12	36 102	M M	2.00 2.25	14	11
Jan. 1879	12	30	м	2.00	44	44	Average	12	138	M	2.181	44	44
Average	12	80	<u>М</u> М	2. 25	11	44	Jan. 1887	12 12	36 102	M M	2.00 2.25	14	66 66
J aly 1879	12	30	M	2.00	16	44	Average	12	138	M	2. 181	64	66
ouly zoro	12	70	M	2. 25	44	**	July 1887	12 12	36 102	M M	2.00 2.25	44	# ·
Average	12	100	М	. 2. 17 3	**	44	Average	12	198	M	2. 181	44	**
Jan. 1880	12 12	30 70	M M	2.00 2.25	41	44	Jan. 1888	12 12	36 102	M M	2.00 2.25	44	# #
Average	12	100	M	2. 171	11	44	A.verage	12	138	м	2. 18	44	44
July 1880	12 12	80 70	M M	2. 00 2. 25	41	66 66	July 1888	12 12	36 102	M M	2. 00 2. 25	44	64 65
Average	12	100	M	2.17	**	41	Average	12	138	М	2. 18	41	44

TILLIMINATING GAS: ESTABLISHMENT No. 48, OHIO—Continued.

FIREMEN-Concluded.

			1					1	1			
Payroll of-	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	_
Jan. 1889	12 12	36 102	M M	\$2.00 per day. 2.25	July 1890	12 12	36 102	M M	\$2.00 2.25	per	day.	
Average	12	138	M	2. 181 " "	Average	12	138	M	2. 18½		44	
J uly 1889	12 12	36 102	M M	2. 00 " " " 2. 25 " "	Jan. 1891	12 12	36 102	M M	2.00 2.25	11	44	
Average	12	138	M	2.181 " "	Average	12	138	М.	2.18	4.6	**	
Jan. 1890	12 12	36 102	M M	2.00 " " " 2.25	July 1891	12 12	36 102	M M	2. 00 2. 25	44	44	
Average	12	138	M	2. 181 ** **	Average	12	138	М	2. 181		14	_
				LABO	RERS.							_
Jan. 1849 July 1849 Jan. 1850 July 1850 Jan. 1851 July 1851	10 10 10 10 10 10	18 38 38 38 53 53	M M M M M	.87½ per day. .87½ .87½ .87½ .87½ .87½	July 1870 Jan. 1871 July 1871 Jan. 1872 July 1872 Jan. 1873	10 10 10 10 10 10	10 10 60 60 30 30	M M M M M	1.75 1.75 1.75 1.75 1.75	46 46 46	day.	-
Jan. 1852	10 10	35	M M	1.00 " " "	July 1873 Jan. 1874 July 1874 Jan. 1875	10 10 10 10	30 30 32 32	M M M	1.50 1.50 1.50 1.50	66 66	61 66 64	
Average	10	53	M	.911 " "	July 1875	10	32 32	M	1.50	44	66	
July 1852	10 10	35 18	M M	1. 00 " "	Jan. 1876 July 1876 Jan. 1877	10 10 10	34 34 40	M M M	1.50 1.50 1.25	64 66	6 6 6 6	
Average	10	53	М	. 911 " "	July 1877 Jan. 1878 July 1878	10	40	M	1. 25 1. 25	66	**	-
Jan. 1853 July 1853 Jan. 1854 July 1854 Jan. 1855 Jan. 1856 July 1856 Jan. 1867	10 10 10 10 10 10	38 38 38 34 38 38 38 51	M M M M M M M M	1.00 " " " 1.00 " " 1.00 " " " 1.00 " " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " " 1.00 " " " 1.00 " " " 1.00 " " " " 1.00 " " " " 1.00 " " " " " " 1.00 " " " " " " " " " " " " " " " " " "	Jan. 1879 July 1879 Jan. 1880 July 1880 Jan. 1881 July 1881 July 1882 July 1882 Jan. 1883	10	40 40 40 40 40 46 46 46 106	M M M M M M M M	1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25	44 44 44 44 44	66 66 16 66 86 86	
July 1857 Jan. 1858 July 1858 Jan. 1859 July 1859 Jan. 1860 July 1860 Jan. 1861	10 -10 10 10 10 10 10	33 33 33 33 40 40	M M M M M M M	1.00 " " " 1.00 " " " 1.00 " " " 1.00 " " " 1.00 " " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " " 1.00 " " " 1.00 " " " 1.00 " " " 1.00 " " " 1.00 " " " 1.00 " " " " 1.00 " " " " 1.00 " " " " " 1.00 " " " " " 1.00 " " " " " " 1.00 " " " " " " 1.00 " " " " " " " 1.00 " " " " " " " " " " " " " " " " " "	July 1863 Jan. 1884 July 1884 Jan. 1885 July 1885 Jan. 1886 July 1886 Jan. 1887	10 10 10 10 10 10 10	46 77 77 77 77 77 77	M M M M M M M	1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25	64 64 64 64 64 64	64 64 64 64 66	
July 1861 Jan. 1862 July 1862 Jan. 1863 July 1862 Jan. 1864 July 1864	10 10 10 10 10 10 10 10	40 40 65 65 65 111 46	M M M M M M	1. 00 " " " 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	July 1887 Jan. 1888 July 1888 Jan. 1889 July 1889 Jan. 1890 July 1890	10 10 10 10 10 10	77 80 80 80 80 110 110	M M M M M M	1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25	66 66 66 66	66 66 66 68 64	
Jan. 1865 July 1865 Jan. 1866	10 10 10	10 10 10	M M	1.75	Jan. 1891	10	110 23	M M	1. 25 1. 50	44	18	
July 1866 Jan. 1867 July 1867	7 10	10	M	1.90 " " " 1.90 " " " 1.90 " " " " " " " " " " " " " " " " " " "	Averag	e 10	133	M	1. 29	•	**	
July 1867 Jan. 1868 July 1868	3 10 3 10	10 10	M	1.75 " " 1.75 " " 1.75 " "	July 1891	10 10	. 110 23	M	1. 25 1. 50	48	44	
Jan. 1869 July 1869 Jan. 1870	10	10	M	1. 70	Averag	е 10	133	M	1, 29	* "	66	

ILLUMINATING GAS: ESTABLISHMENT No. 48, 0HIO—Concluded, WATCHMEN.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
of— July 1856 Jan. 1857 July 1858 July 1858 July 1858 July 1859 Jan. 1860 Jan. 1860 Jan. 1860 Jan. 1861 July 1862 July 1862 July 1862 July 1862 July 1863 July 1863 July 1863 July 1864 Jan. 1865 Jan. 1866 Jan. 1867 July 1868 July 1867 July 1868 Jan. 1867 July 1867 July 1867 July 1867 July 1867 July 1867 July 1867 July 1867 July 1867 July 1867 July 1867 July 1867 July 1867	12 12 12 12 12 12 12 12 12 12 12 12 12 1	employ6s. 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	M M M M M M M M M M M M M M M M M M M	\$1. 15 per day. 1. 15 " " " 1. 15 " " " 1. 10 " " 1. 10 " " 1. 10 " " 1. 10 " " 1. 10 " " 1. 10 " " 1. 10 " " 1. 10 " " 1. 10 " " 1. 10 " " 1. 10 " " 1. 10 " " 1. 12½ " " " 1. 12½ " " " 1. 25 " " " 1. 50 " " " 1. 75 " " " 1. 75 " " " 1. 75 " " " 1. 75 " " " 1. 75 " " " 1. 75 " " " 1. 75 " " " 1. 75 " " " 1. 75 " " " 1. 75 " " " 1. 75 " " " 1. 75 " " " 1. 75 " " " 1. 75 " " " 1. 75 " " " " 1. 75 " " " " 1. 75 " " " " 1. 75 " " " " 1. 75 " " " " 1. 75 " " " " 1. 75 " " " "	July 1874 Jan. 1875 July 1875 July 1876 July 1876 July 1876 July 1876 July 1877 July 1877 July 1878 July 1878 July 1881 July 1881 July 1881 July 1881 July 1882 July 1883 July 1884 July 1884 July 1884 July 1884 July 1884 July 1885 July 1885 July 1885 July 1885 July 1885 July 1885 July 1885 July 1885 July 1885 July 1885 July 1885 July 1885 July 1885 July 1885 July 1885 July 1885 July 1885	12 12 12 12 12 12 12 12 12 12 12 12 12 1	employés.	M M M M M M M M M M M M M M M M M M M	\$2.00 2.00 2.00 1.75 1.75 1.75 1.75 1.75 1.75 1.75 1.75	Per 4: 4: 4: 4: 4: 4: 4: 4: 4: 4: 4: 4: 4:	day. "" "" "" "" "" "" "" "" "" "" "" "" "
July 1868 Jan. 1869 July 1869 Jan. 1870 July 1870 Jan. 1871 July 1871 Jan. 1872 July 1872 July 1872	12 12 12 12 12 12 12 12 12 12 12 12	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	M M M M M M M M		July 1886 Jan. 1887 July 1887 Jan. 1888 July 1888 Jan. 1889 Jan. 1890 July 1889 Jan. 1890	12 12 12 12 12 12 12 12 12 12	8 3 3 3 3 3 3 3 3 3 3 3	M M M M M M M M	2. 00 2. 00 2. 00 2. 00 2. 00 2. 00 2. 00 2. 00 2. 00 2. 00 2. 00	46 46 46 46 46 46	66 66 66 66 66 66 66 66 66
July 1873 Jan. 1874	12 12	3	M	2.00 ** **	July 1891	12	3	М	2.00	46	44

LEATHER: ESTABLISHMENT No. 49, DELAWARE.

BEAMSMEN.

Jan. 1866	10 10	1 2	M M	1.60	per	day.	July 1869	10	6	М	2.00	per	da y .
Average	10	3		1.86%	44	46	Jan. 1870	10 10	2	M M	1. 66½ 1. 83½		64
July 1866	10	1	M	1.10	16	66	Average	10	6	M	1.72		64
0 423 2000	10	$\tilde{2}$	M	2,00	46	44	'						
Average	10	3	M	1.70	44	44	July 1870	10 10	7 2	M M	1.66 1 2.00	44	66
Jan. 1867	10	1	M	1.831	44	44	Average	10	9		1.74	ıı	46
July 1867	10 10	1 2	M M	1.67	66	44	T 1084		_ [м	1.66 1	44	"
-				2.00			Jan. 1871	10 10	7	\mathbf{M}	1.75	44	46
Average	10	3	м	1.89	44	44	:	10	1	M	2.00	44	44
Jan. 1868	10 10	1	M M	1.661	44	"	Average	10	9	M	1.71	44	14
_	10	1	TAIL	1. 83½	•••						1,66%	"	64
Average	10	2	\mathbf{M}	1.75	5.6	8.6	July 1871	10 10	3	M M	1.75	66	44
July 1868	10	2	M	1.831	64	44		îö	1	M	2.16	**	44
	10	4	M	2.00	64	44	Average	10	5	M	1.78	14	"
Average	10	6	M	1.941	.4	**						44	и
Jan. 1869	10	7	M	2.00	44	84	Jan. 1872	10	3 1	M	1.83	14	14
Carr 1009	10	í	M	2.17	44			10 10	1	M	2. 33	**	14
Average	10	8	М	2.02	44	44	Average	10	5	м	1,95	66	44

LEATHER: ESTABLISHMENT No. 49, DELAWARE—Continued.

BEAMSMEN-Continued.

									1				
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	rages.	Payroll of—	Hours per day.	Different employés.	Sex.	Kate	of	wages.
uly 1872	10 10 10	1 1 1	M M M	\$1.83 <u>i</u> 1.92 2.18	per	day.	July 1878	10 10 10	1 1 1	M M	\$1. 16½ 1. 33½ 1. 58½	per	day.
Averag e	10	3	М	1.98	64	44	Average	10	3	М	1. 36	4.6	14
an. 1873	10	6	M	1.831	44	44	Jan. 1879	10 10	2	М	1. 16± 1. 33±	66	44
•	10	7	M	1.92		46 -		10 10	1 1	M M	1.50 1.58½	4 E	44
Average	10			1.843	44	11	Average	10	5	М	1. 35	14	4.6
uly 1873	10 10 10 10	1 1 1 1	M M M M	1.83½ 1.92 2.19 2.29	66	11	July 1879	10 10 10	1 1 2	М М	1.25 1.33½ 1.50	66	66 66
Average	10	4	м	2.06	64	44		10	1	M	1.581	**	46
an. 1874	10	2 2	Ж	1.66½ 1.83½	44	64	Average Jan. 1880	10	5	M	1. 43½ 1. 16½	66	66
	10 10 10	1	M M	2. 17 2. 33½	44	44	Jan. 1800	10 10 10	2 1 1	М М И	1.33½ 1.50 1.58½	66 66	66
Average		6	M	1.913	**	11		10	2	<u>л</u>	1. 662	+1	**
fuly 1874	10 10 10 10	1 1 3	M M M	1.00 1.33½ 1.66½ 1.75	66	- 66 - 66 - 66	Average July 1880	10 10 10	1 1	л л л	$1.46\frac{1}{2}$ $1.58\frac{1}{2}$ 1.92	84	45
Average		8	м	1.57	. 4	44		10	1	М	2.00	+ 4	44
an. 1875	10	1	М	1.331	6.6	44	Average	10	3	М	1. *31	44	44
	10 10 10	3 2 1	Л Л	1. 66½ 1. 75 2. 16½	66	44	Jan. 1881	10	1	М	1.92 2.00	44	"
Average	10	7	М	1.711	66	**	Average	10	2	M	1.96	11	66
July 1875	10 10 10 10	1 1 2 1	M M M	1.66½ 1.75 1.83½ 2.00	45 64 64	4.6 4.6 4.6	July 1881 Jan. 1882	10 10 10 10	1 1 1 2	M M M	1. 66½ 1. 16½ 1. 50 1. 66½		11
Average	-	5	м	1.811	8.6	66	Average	10	4	M	1.50	4.6	**
Tan. 1876	10	1	M	1.661	44	64	July 1882	10	1	М	1.50	4.6	44
Average	10	3	M	1. 83½ 1. 78		44	Jan. 1883	10 10 10	1 1 5	M M M	1. 25 1. 50 1. 66½	46	4.6 4.6
July 1876	10 10	1	M	1.50 1.58½	44	44	Average	10	7	M	1.58		66
Average	10	4	M	1. 66½ 1. 60½	44	46	July 1883	10 10	1 5	M	1, 25 1, 661	£1	44
an. 1877	10	1 1	м	1. 331	66	44	Average		+ 6	М	1.59		46
	10 10	1	M	1. 58½ 1. 66½	66	**	Jan. 1884	10 10	1 7	M M	1.50 1.66		**
Average	1	3	M	1.53	**	**	Average	10	8	M	1. 644	**	46
fuly 1877	10 10 10 10	1 2 1 1	M M M	1. 16½ 1. 33½ 1. 50 1. 58½	44	66 66 66	July 1884	10 10 10	1 7 1	M M M	1. 50 1. 66 2. 00	11	66 66 66
Average	10	5	М	1.381	44	14	Average	10	9	м	1.68	. "	4.6
Jan. 1878	10 10	1	M	1. 50 1. 58½	46	**	Jan. 1885	10 .10	1	M M	1.50 2.50	41	**
Average		2	м	1, 541	44	6.6	Average	10	2	М	2.00	- 44	4.6

TABLE XII. RATES OF WAGES FOR 52 YEARS-Continued.

LEATHER: ESTABLISHMENT No. 49, DELAWARE—Continued.

BEAMSMEN-Concluded.

Payroll di-	Homs per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of-	Hours per day.	Different employés	Sex.	Rate	of v	vagea.
July 1885	10 10	3	M M	\$1.50 2.50	per	day.	Jan. 1889	10 10	3 1	M M	\$1.58 2.33§	per	day.
Average	10	4	М	1.75	4.6	44	Average	10	4	М	1. 77	66	44
Jan. 1886	10 10	3	M M	1.50 2.00	44	44	July 1889	10 10	1 1	M M	1.58 2.33½	44	11
Average July 1886	10 10 10	2 2	M M M	1.62½ 1.50 1.66¾	66		Average	10	2	М	1. 954	11	66
Average	10	4	M	1.58	6.6	**	Jan. 1890	10 10	1 1	$\overline{\mathbf{M}}$	1.58 2.33½	44	46
Jan. 1887	10 10 10 10	1 3 1	Т М М	1. 33½ 1. 50 1. 66½ 2. 00	11	66 64	Average July 1890	10	2	М	1. 95½	44	44 44
_ Average July 1887	10	6 2	M M	1.58½	16	44	Average	10	3	М	2. 33½ 1. 83	44	**
Jan. 1888	10 10	1	M M	1.58 2.331	"	44	Jan. 1891	10 10	3 1	M M	1.58 2.33½	44	44
Average	10	2	М	1.951	6.6	44	Average	10	4	M	1.77	64	44
July 1888	10 10	2 1	M M	1.58 2.33½	44 11	**	July 1891	10 10	3 .	M M	1.58 2.33½	14	64 88
Average	10	3	М	1.83	6.6	14	Average	10	4	М	1.77	44	44

FINISHERS.

July 1871 Jan.: 1872	10 10	3 4	M M	1. 66½ P 1. 83½	er d	ay.	Jan. 1875- conc'd.	10 10 10	13 4 B	М	1.66½ 1.75 1.83½	per d
July 1872	10 10 10	1 5 1	M M M	1.831		6 E 6 E		10 10	1	М	2.00° 2.16½	44
Average	10	7	М.			66	Average	10	24	M	1.71	66
Jan. 1873 Average	10 10	1 2 3	M M	1.831	4.4	44	July 1875	10 10 10 10	7 3 1 1	M M M M	1. 66½ 1. 83½ 1. 92 2. 00	16
July 1873	10	9	м	-	4 4	44	Average	10	13	м	2. 16½ 1. 79	44
Jan. 1874	10 10 10 10 10	2 2 17 1 2 2	M M M M M	1.50 1.66½ 1.72 1.75	6 4 6 4 6 4	## ## ## ## ## ## ## ## ## ## ## ## ##	Jan. 1876	10 10 10 10	1 2 5 1	M M M	1. 50 1. 661 1. 831 2. 00	61 61 62
Average	10	26	М		4 6		Average	10	9	М	1.78	"
July 1874	10 10 10 10	11 3 2	M M M	1.661	4.6	66 66	July 1876	10 10 10 10	6 4 3 1	М М М И	1.50 1.66½ 1.83½ 2.00	61 61
	10 10	1	M M	2.00		84 86	Average	10	14	М	1. 651	44
Average	10	20	М	1.70	11		Jan. 1877	10 10 10	4 5 1	M M M	1.50 1.661 1.831	11
Jan. 1875	10 10	1	M	Troog		14	Average	10	10	М	1, 61	**

LEATHER: ESTABLISHMENT No. 49, DELAWARE—Continued.

FINISHERS-Continued.

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Payroll of—	Hours per day.	Different employés.	Sex.	Rate o	of w	rages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	
July 1877	10 10 10	1 1 9	M M M		11 14 19(day.	Jan. 1883	10 10	1 10	M M	\$1 163 1, 663	per (lay.	_
	10 10	6	M M	1, 663 1, 83}		14	Average	10	11	M	1.62	t t	44	
Average	10	18	M	1.541	16	* *	July 1883	10 10	1 9	M M	1. 16½ 1. 66½	11	44	
Jan. 1878	10 10	1 1	M M	1. 16½ 1. 25	. í	1.4 6.6	Average	10	10	М	1.611	44	**	,
	10 10 10	2 4 1	M M M	1.50 1.66½ 1.83½	66 66	44	Jan. 1884	10 10	1	M M	1. 16½ 1. 25	**	66	
Average		9	M	1.541	44	**	li I	10 10	10	M	1. 66½ 2. 16½	6 t	46	
July 1878	10 10	1	M M	1.50 1.664	46	**	Average	10	13	M	1.631	44	64	
Average		2	M	1.581	44	46	July 1884	10 10	1 2	M M	$1.16\frac{1}{2}$ $1.33\frac{1}{2}$	5 A 4 G	44	
Jan. 1879	10	4	м	1. 161	41	14		10 10	1 9	M M	1.50° 1.66½	44	44	
7	10	1 1	M	1. 33 1	44	44	Average	10	13	M	1.561	44	44	
, ,	10 10	3 2	M	1.50 1.66½		44	Jan. 1885	10	1 2	M	1. 16½ 1. 50	**	14	
Average	10	11	M	1,383	4.6	4.6		10	6	M	1. 66½ 2. 00	44	66 66	
July 1879	10	1 2	M	1, 16½ 1, 33½	11	**	Average	10	10	м	1.611	"	44 %	
	10 10 10	2 4 1	M M M	1.42 1.50 1.661	44	66	July 1885	10 10	1	M	$1.16\frac{1}{2}$ $1.33\frac{1}{2}$	66	46	
	10	2	M	1, 831	44	64		10	2 7	M	1.50° 1.66½	44	44	
Average	1	12	M	1,50	44	44		10	1	M	2.00	44	44	
Jan. 1880	10 10 10	1 2 1	M M M	$1.16\frac{1}{2}$ $1.33\frac{1}{2}$ 1.42	44	44	Average Jan. 1886		12	M	1. 59½ 1. 16½	"	**	
	10 10	3 9	M	1.50 1.66½	1 4 6 4	44	ban. 1000	10 10	î	M	1. 33½ 1. 50	11	44	
Average	10	16	м	1, 541	66	14		10 10	12 1	M M	1. 66½ 2. 00	11	44	
July 1880	10 10	5 2	M	1.33½ 1.50	"	44	Average	e 10	16	М	1, 62½	6.6	44	
	10 10	7	M	1.66½ 1.83½	44	44	July 1886	10	4	М	1.661	**	14	
Average	10	15	М	1.541	44	44	Jan. 1887	10 10	: 1 4	M M M	1.50 1.66½ 2.00	44	44	
Jan. 1881	10 10	1 4	M	1. 161 1. 331	44	66	Average	-	6	M	1.691	44	46	
	10 10	2 6	M	1.50 1.66½	44	44	July 1887	10	4	м	1.661	44	64	
Average	10	13	M	1.50	**	44		10	5	- M	2.00	**	44	
July 1881	10 10	1 4	M	1, 16½ 1, 33½	44	44	Jan. 1888		4	м	1.663	44	64	
	10 10	5 7	M	1.50 1.66½	66	44		10	1	M	2.00	44	44	
Average	10	17	M	1.51	44	44	Averag	i i	6	M	1.73 1.661	"	44	
Jan. 1882	10 10	4 7	M	1.50 1.66½	44	44	July 1888	10	: 1	М	2.00	44	46	
Average		11	M	1.601	46	44	Averag		7	M	1.71½ 1.66¾	44	44	
July 1882	10	1 2	M	$1.33\frac{1}{2}$ 1.50	"	44	Jan. 1889	10	6	M	2.00	4.6	44	
	10	6	М	1. 66 1	44	44	Averag		7	M	1.71	**	11	
A verage	10	9	M	1.59	66	64	Jul y 1888	10	4	M	1,66	••	••	

LEATHER: ESTABLISHMENT No. 49, DELAWARE—Continued.

	FINISHERS	Concluded.
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Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wage
Jan. 1890	10 10	6 1	M M	\$1.66½ 2.00	1.6	**	July 1890 Jan. 1891 July 1891	10 10 10	8 6 5	M M M	\$1, 66½ 1, 66½ 1, 66½	per	day.
Average	10	7	М	1.713	41	4.6	<u> </u>						
						FOI	REMEN.						
Jan. 1867 July 1867	10 10	1	M M	3, 33½ 3, 33½	per	day.	July 1875	10 10	1 1	M M	3. 33½ 3. 50	per	day.
Jan. 1868	10	i	M	3. 33	4.6	4.6	Average	10	2		3. 411	56	16
July 1868	10 10	1	M. M	2.00 3.33½	44	46	Jan. 1876	10	1	M	3, 33	"	**
Average	10	2	M	2.664	4.6	44	Sum 1010	10	î	M	3.50	"	"
Jan. 1869	10 10	. 1	M M	2.00 3.334	"	44	Average	10	2	M	3. 41½	**	4.6
Average		2	М	2. 661	66		July 1876	10 10	1	M M	3. 25 3. 50	11	44
July 1869	10 10	1	M M	2.00 3.331	65	66	Average	10	2	M	3. 37½	ιι	"
Average	10	2	M	2. 661	44	44	Jan. 1877	10 10	1	M M	3, 00 3, 16 1	44 64	66 68
Jan, 1870	10 10	1	M M	2.00 3.334	44	44	Average	10	2	М	3, 081	4.6	11
Average		2	M	2. 661	44	44	July 1877	10 10	1	M M	3.00 3.16½	**	ft ft
July 1870	10	1	M	3. 331	66	44	Average	10	2	М	3. 08½	4.4	′
Jan. 1871 July 1871	10	1	M	3. 33½ 2. 50	44	44	Jan. 1878	10 10	1 1	M M	3.00 3.16½	16	14
	10	1	<u>M</u>	3. 331	"	44	Average	10	2	<u>M</u>	3. 081	+4	14
Average	10	2	M	2.913	**	44	July 1878	10	2	M	2.50	66	"
Jan. 1872	10	1	M	3, 00 3, 33½	44	**	Jan. 1879	10 10	1 1	M M	2, 50 3, 00	44	44
Average	10	2	M	3. 16½	"	14	Average	10	2	M	2.75		41
July 1872	10 10	1	M	1.83½ 3.00		44	July 1879	10	1	м	2.831	11	44
Average	10	2	М	2.411		**	Average	10	1 2	M	3.00 2.91 1	44	44
Jan.,1873	10 10	1	M M	2. 26 3. 00	11	16	Jan. 1880	10	1	M	3.00	11	44
Average	10	2	M	2. 63		**		10	1	M	3, 331	"	44
July 1873	10 10	1 1	M M	$\frac{2.66\frac{1}{2}}{3.33\frac{1}{2}}$	"	44	July 1880	10 10	1	M	3. 161 3. 161	4.6	44
Average	10	2	м	3.00	44			10	1	<u>M</u>	3, 33	11	44
Jan. 1874	10 10	1	M M	2.44 3.334	44	**	Jan. 1881	10 10	1	M M	3. 25 3. 16 ₃		"
Average	10	2	M	2. 883	44	44	V 411. 1001	10	i	<u>M</u>	3. 33 1	44	44
July 1874	10	1	М	2.83	6.6	**	Average	10	2	M	3. 25	"	14
	10 10	1	M M	3. 00 3. 50	44	"	July 1881	10 10	1 1	M M	3. 16½ 3. 33½	11	£4
Average	10	3	M	3. 11	44	**	Average	10	2	M	3. 25	44	44
Jan1875	10 10	1	M M	3. 33½ 3. 50	66	44	Jan. 1882	10 10	1 1	M M	3, 161 3, 331	66 66	44

LEATHER: ESTABLISHMENT No. 49, DELAWARE—Continued.

FOREMEN-Concluded.

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Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.
July 1882	10 10	1 1	M	\$3. 16½ 3. 33½	per (day.	Jan. 1884 July 1884 Jan. 1885	10 10 10	1 1 1	M M	\$3, 33\frac{1}{2} 3, 33\frac{1}{2} 3, 33\frac{1}{2}	per	day.
Average	10	2	M	3. 25	"	44	July 1885 Jan. 1886 July 1886	10 10 10	1 1	M M M	3. 33½ 3. 33½ 3. 33½	11	44
Jan. 1883 :	10 10	1 1	M M	3. 16½ 3. 33½	44	"	Jan. 1887 July 1887 Jan. 1888	10 10 10	1 1 1	M M M	4. 161 4. 161 4. 161	11	66 64 61
-Average	10	2	М	3. 25	4.6	**	July 1888 Jan. 1889 July 1889	10 10 10	1 1 1	M M M	4. 163 4. 163 4. 163	6.6 1.6 4.6	11
July 1883	10 10	1	M	3, 16½ 3, 33½	66	"	Jan. 1890 July 1890 Jan. 1891	10 10 10	1 1 1	M M M	4. 16½ 4. 16½ 4. 16½ 4. 16½	64 45	6 6 6 6
Average	10	2	M	3. 25	44	"	July 1891	10	1	M	$4.16\frac{7}{2}$	44	
					P	UTTER	S-OUT.						
July 1873	10	1	м	1.92	per	day.	Jan. 1878	10 10	2	M M	$\begin{array}{ c c c c }\hline 1.66\frac{1}{3} \\ 1.83\frac{1}{2} \\ \end{array}$	per	day.
Jan. 1874	10 10 10	1 4 1	M M M	1.92 2.00 2.50	44	**	Average		3	М	1.72	**	66
Average	10	7	M	2. 661/2	44		July 1878 Jan. 1879	10	. 4	M	1. 66½ 1. 66½	44	44
July 1874	10	1 3	M	1.92 2.00	44	"	July 1879	10 10 10	1 1 3	M M M	1.50 1.66½ 1.83½	44	44
	10 10 10	2 1 1	M M M	2.50 2.66½	41	44 44	Average	10	6	M	1.78	**	44
Average	10	8	M	2. 321	44	14	Jan. 1880	10	1 1	M M	1.66½ 1.83½	16	44 44
Jan. 1875	10 10	. 2	M M	2.00 2.661	44	"	Average	10	6	M	2.00 1.91½	44	44
Average	TO	4	м	2.331	6.6	**	July 1880	10 10	1, 2 5	M M	$1.83\frac{1}{2}$ 2.00	44	66
July 187 5	10 10	2	M	2.00 2.66	44	44	Average		7	М	1. 951	44	66
Average	10	3	М	2, 22	44	"	Jan. 1881	10 10	2 4	M	1. 83½ 2. 00	44	64 65
Jan. 1876	10 10	1 2	M	2.00 2.661	46	44	Average	10	6	М	1. 941	46	44
Average	10	3	M	2.443		66	July 1882 Jan. 1883	10 10	1 1	M	1.66½ 1.66½	44	64 64
July 1876	10 10	1 1	M M	$ \begin{array}{c c} 1.83\frac{1}{2} \\ 2.00 \end{array} $		44	July 1883 July 1884 Jan. 1885	10 10 10	1 2 1	M M M	1. 66½ 1. 66½ 1. 66½	44	46
Average	10	2	M	1.913		4.6	July 1885 Jan. 1886	10 10	. 1	M	1.66½ 1.66½	44	44
Jan. 1877	10 10 10	1 1 1	M M M	1, 50 1, 66½ 1, 83½		44	Jan. 1887 Jan. 1888 July 1888	10 10 10	1 1	M M M	1.50 1.50 1.66½	"	46
Average	10	3	М	1.661		**	Jan. 1889	10 10	1	M M	1.50 1.66½	64	44
July 1877	10 .10	2	M	1.66½ 1.83½		44	Average	10	2	м	1.581	"	64
Average	10	3	М	1.72	**	44	July 1889	10	1	M	1.661	**	44

LEATHER: ESTABLISHMENT No. 49, DELAWARE—Continued, TANNERS.

Payroll of -	Hours per day.	Different employés.	Sex.	Rate	of	wages	Payroll of-	Hours per day.	Different employés.	Sox.	Rate	oof	wages,
July 1866	10	2	M M	\$1.82	per	day.	Jan. 1876	10 10	1 2	M M	\$1.75 2.00	per	day,
July 1868	10 10 10	1 1 6	M	1.66½ 1.92 2.00	44	"	Average	10	3	М	1.911	"	44
' Average	10	8	M	1.95	14	44	July 1876	10 10	1 2	M M	$1.58\frac{1}{2}$	44	44
Jan. 1869	10 10	1 7	M M	$1.83\frac{1}{2}$ 2.00	14	44	Average	10	3	M	1.86	**	46
Average	10	8	M	1.98	4.4	44	Jan. 1877	10 10	1 2	M M	1.58½ 1.83½	66	46
July 1869	10 10	1 7	M M	1.83½ 2.00	44	"	Average		3	M	1.75	44	44
Average	10	8	м	1.98	4.4	44	July 1877	10	1	м	1.581	11	и
Jan. 1870 July 1870	10 10	5 2	M M	1.66½ 1.66½	4.6	44		10 10	1 2	M M	1. 66½ 1. 83½	44	14
Jan. 1871	10 10	2	M M	1, 66½ 2, 16½	. 44	84 86	Average	10	4	M	1.73	64	46
Average	10	3	М	1. 83	44	"	Jan. 1878	10 10	1	M	1.58½ 1.83½	44	14
July 1871	10 10	1 3	M	1. 33½ 1. 66½	14	66	Average	10	2	М	1.71	44	**
	10	1	71	2. 16½	66	**	July 1878,	10	1	M	1.581	44	"
Average Jan. 1872	10	5	M M	1.70 1.83½	44	"	Jan. 1 79	10 10 10	3 1 1	M M M	1.50 1.58½ 1.66½	66	11
9an. 1072	10 10	. 1	M M	1. 92 2. 33½	44	46	Average	10			1.55	41	"
Average	10	5	М	1, 95	44	£1	July 1879	. 10	I	M M	1. 58½ 1. 83½	44	44
July 1872	10 10	3 1	M M	1.83½ 2.11	66	44	Average	10	1 2	M	1. 71	46	16
Average	10	4	м	1.901	"	**	Jan. 1880	10	1	M	1.331	44	44
Jan. 187 3	10 10	4	M M	1.83½ 2.00	44	44		. 10 . 10 10	1 1 1	M M M	1. 42 1. 75 1. 83 <u>1</u>	11	66
	10	1	M	2.55	66	41		10	1	М	2, 00	44	46
Average July 1873	10 10	6 3	M	1.98 1.83½	**	64	Average	10 10	5 1	M M	1. 67 1. 50		"
Jan. 1874	10 10	·1	M	1.75 1.831	66	46	July 1880	10 10 10 10	1 1 2	M M M	1.75 1.831 2.00	44	14 14 14
	10	1	M	2.00	66	**	Average	10	5	м	1.811	4.6	11
Average July 1874	10	3 1	M M	1, 86 1, 33½		44	Jan. 1881	10 10	1	M M	1.75 1.83½	44	44
o any rest	10 10	$\frac{1}{2}$	M	$1.66\frac{1}{3}$ $1.83\frac{1}{6}$	66	44	Average	10	2	M	1.791		ıı
	10 10	1 2	M	1.92 2.00	66	44	July 1881	10	1	M	1.50	**	44
Average	10	7	M	1.80	64	44	Jan. 1882	10 10	1	M M	1.50 1.83	#4 #4	n
Jan. 1875	10 10	1	M M M	1, 33½ 1, 75	44	44	Average	10	2	M	1,661	"	44
	10 10 10	1 1 1	M M	1. 92 2. 00 2. 161	"	"	July 1882	10 10	1 1	M M	1.50 1.83½	#	44
Average	10	5	м	1, 831	44	41	Average	10	2	M	1.661		**
July 1875	10 10	1 1	M M	1.75 2.00	41	11	Jan. 1883	10 10	I 1	M M	1.50 1.83	66	14
Averag e	10	2	М	1.871	44	44	Average	10	2	M	1.66	**	65

LEATHER: ESTABLISHMENT No. 49, DELAWARE-Concluded.

TANNERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1883	10 10	2	M M	\$1.50 1.83½	per	day.	Jan. 1888	10 10	I 1	M M	\$1.66 <u>1</u> 1.83 <u>1</u>	per	day.
Average	10	3	M	1.61	44	44	Average	10	2	M	1.75	44	44
Jan. 1884	10 10 10	2 1 1	M M M	1.50 1.66½ 1.83½	11	66 66 68	July 1888	10 10 10	1 1 1	M M M	1.50 1.661 1.831	1 6 1 6	44
Average	- 10	4	М	1.621		**	Average	10	3	M	1.661	44	44
July 1884	10 10 10	2 1 1	M M M	1.50 1.661 1.831	64	44 45 44	Jan. 1889	10 10 10	. 1 . 1	M M M	1.50 1.664 1.832	4.6 4.6	**
Average		4		1.621		44	Average	10	3	м	1.661	11	"
Jan. 1885	10 10	1 1	M M	1.50 1.83	44	44	July 1889	10 10 10	1 1 1	M M M	1.50 1.66½ 1.83½	44	44 66 16
Average	10	2		1. 661	16	**	A.verage	10	3	М	1.661	6.6	60
July 1885	10 10	2	<u>М</u> М	1, 50 1, 83½	14	11 44	Jan. 1890	10 10 10	1 1 1	M M M	1.50 1.66½ 1.83½	1.6 2.4	4 6 4 6 4 6
Average	10	3	M	1. 61	66	46	Average	10	3	M	$1.66\frac{1}{2}$	44	64
Jan. 1886	10 10	. 2	M M	1.50 1.83½	16	14	July 1890	10 10	2	M M	1.50 1.83½	44	66
Average	10	3	M	1. 61	46	**	Average	10	3	M	1. 61	u.	44
July 1886	10	1	м	1.66½	44	**	Jan. 1891	10 10	1 1	M M	1.50 1.831	64	44
Jan. 1887	10 10	$\frac{1}{2}$	M M	1.66½ 1.83½	44	16	Average		2	M	1, 66	"	"
Average	10	3	M	1.78	4.6	44	July 1891	10	3	м	1. 50	44	66

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS.

BLACKERS.

Jan. 1856 July 1856	11 11	2 2	M M	1.00 1.00	per	day.	Jan. 1866	11 11	1	M M	1.33½ 1.33½	per 	day.
Jan. 1857	11 11	1	M M	1.00 1.16 ₁	44	44	Average	1	2	м	1.581	1.4	44
Average	11	2	м	1.081	4.4	44	July 1866	11 11	. 1	M	1. 33½ 1. 83½	44	**
July 1857	11	1	M M	1.00 1.16½	44	44	Average		2	M	1.581	6.6	**
Average	<u>11</u>			1. 103	44	44	Jan. 1867	11 11	1 1	M	1.33½ 1.83½	4.6	"
Jan. 1858	11	1	м	1.00	41	66	Average	11	2	М	1.581	u	"
July 1858 Jan. 1859	41 11	1 1	M	1.00 1.00	44	**	July 1867	11 11	1 1	M M	1, 33½ 1, 83½	**	14
July 1859 Jan. 1860	11 11	1	M	1.00 1.00	46	44	Average	11	2	м	1.581	**	44
July 1860 Jan. 1861	11 11	1	M	1.00 1.00	44	44	Jan. 1868	11 11	1	M M	1. 33½ 1. 66½	"	66
July 1861 Jan. 1862 July 1862	11 11	1	M	1.00 1.161	**	"		11	3	M	1.83½		
Jan. 1863	11 11	1	M	$1, 16\frac{1}{2}$ $1, 16\frac{1}{2}$	66	"	Average		. 5	M	1.70 1.331	44	"
July 1863 Jan. 1864	11 11	1	M	$1.33\frac{1}{2}$ $1.33\frac{1}{2}$	16	"	July 1868	11 11	. 1	M	1.661	66	44
July 1864 Jan. 1865	11 11	• 1	M	$1.33\frac{1}{2}$ $1.33\frac{1}{2}$	14			11	. 3	M M	1. 831	**	••
July 1865	11	2	M	1.33 k			Average	14	9	14.	1. //		

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS-Continued.

BLACKERS-Continued.

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Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	Wages,
Jan. 1869	11 11 11	1 4 2	M M M	\$1.66½ 1.83½ 2.00	per	day.	Jan. 1877	10 10	1 2	M M	\$1.50 1.66	per	day.
Average	11	7	M	1,86	44	**	Average	10	3	М	1.61	14	u
July 1869	11 11	3 4	M M	$\begin{bmatrix} 1.83\frac{1}{2} \\ 2.00 \end{bmatrix}$	14	44	July 1877 Jan. 1878 July 1878	10 10 10	3 3	M M M	1. 661 1. 661 1. 661	**	46 46 16
Average	11	7	M	1, 93			Jan. 1879	10 10	1 2	M M	1.50 1.58	14	16
Jan. 1870	10 10	1	M M	1.661 1.831		66		10	ĩ	м	1.66		#
	10	6	М	2. 00	66	6.6	Average	10	4	M	1.581	44	46
Average	10	8	M	1.931	"	44	July 1879	10	2	M	1.411 1.50	44	64 66
July 1870	10 10	6	M	1, 66½ 2, 00				10	1	M	1.66	. 44	44
Average	10	8	M	1. 91		**	Average		4	M	1.50	14	**
Jan. 1871	10 10	2	M M	1.66 <u>1</u> 2.00		**	Jan. 1880	10 10 10	3 2 1	M M M	1.50 1.661 1.911	14	44 44
Average	10	6	м	1.89	"	**	Average	10	6	M	1.62		44
July 1871	10 10	2 4	M M	1.66½ 2.00		46	July 1880:	10 10 10	3 2 1	M M M	1.50 1.66 1.91	"	66 66
Average	10	6	М	1.89	**	46	Average	-	6	м	1. 62		"
Jan1872	10 10	4	M M	1.66½ 2.00		**	Jan. 1881	10 10	3 2	M	1. 50 1. 661	"	16
Average	10	8	М	1.831	44	44		10	ĩ	M	1. 91		п
July 1872	10 10	4	M M	1.66½ 2.00		44	Average July 1881	10	6	M	1. 62g		14
Average	10	8	M	1. 83½	**	64	0 443 1001	10	2	M	1, 663 1, 915	11	44
Jan. 1873	10 10	9 6	M	1.66½ 2.00	44	44	Average		6	м	1. 62	"	11
Average	10	9	M	1, 89		44	Jan. 1882	10 10	3 2	M	1.50 1.66	44	44
July 1873	19 10	3 6	M M	1. 66½ 2. 00	44	66	Average	10	6	M	1. 91 1 1. 62 1	**	14
Average	10	9	M	1.89	+1	**	July 1882.	10	3	м	1.50	11	64
Jan. 1874	10 10	2 4	M M	1. 66½ 2. 00	44	44	o dry 1002	10 10	2 1	M	1.661	**	44
Avērage	10	6	M	1.89	5.6	66	Average	10	6	М	1, 62		"
July 1874	10 10	2 4	M M	1. 66½ 2. 00	**	14	Jan. 1883	10 10 10	5 2 1	M M M	1, 50 1, 66 1, 91		44 44
Average	10	6	М	1.89	* *	14	Average	10	8	м	1, 59		54
Jan. 1875 July 1875	10 10	3 3	M M	1.66 <u>1</u> 1.66 <u>1</u>	15	44	July 1883	10 10	4 3	M	1.50 1.66	11	44
Jan. 1876	10 10	1 2	M	1.50 1.66½	11	11	Average	10	1 8	M	1. 91	"	"
Average	10	3	М	1, 61	44	44	Jan. 1884	10	2	м	1. 50		44
July 1876	10 10	1	M M	1.50 1.661	4.6	11		10- 10	5 1	M	1. 661	"	44
Average	10	3	M	1. 61	**	**	Average	10	8	м	1. 65	"	44

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS-Continued.

BLACKERS-Concluded.

Payroll of—	Hours par day.	Different employés.	Sex.	Rate	of wa	ages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1884	10 10 10	2 5 1	M M M	\$1.50 1.66½ 1.91½	perd	lay.	Jan. 1887	10 10 10	1 2 1	M M M	\$1.50 1.66½ 1.83½	per	day.
Average	10	8	M	1, 651	44	44	Average	10	. 4	M	1.661	6.6	66
Jan. 1885	10 10 10	1 1	M M M	1.50 1.66½ 1.75	16	66 66	July 1887	10 10 10	1 1 2	M M M	1.50 1.66 1.83	11	46 66 44
Average	10	6	M	1.57	44	45	Average	10	4	м	1.71	4.	44
July 1885	10 10 10	.4 1 1	M M M	1.50 $1.66\frac{1}{2}$ 1.75	46 14	65 66	Jan. 1888	10 10	2 2	M M	1.50 1.66½	64	44
Average	10	6	М	1.57	44	**	Average	10	4	M	1.581	44	44
Jan. 1886	10 10 10 10	1 3 2 1	M M M	1. 33½ 1. 50 1. 66½ 1. 75	64 64	66 65 65	July 1888	10 10	2 2	M M	1.50 1.66½	66	11
Average	10	7	M	1.56	41		Average	10		M	1.58½	6.6	46
July 1886	10 10 10 10	3 2 1 1	M M M	1.50 1.66½ 1.75 1.83½	6 6 6 6	66 64 66	Jan. 1889 July 1889 Jan. 1890 July 1890	10 10 10 10 10	2 2 1 1	M M M M	1.50 1.50 1.50 1.661	66 66 66	64 66 61
Average	10	7	M	1.63	44	44	Jan. 1891 July 1891	10	1	M	1.66½ 1.66½	6.6	44
		1	1	1		ELLAB	HANDS.	1	ī	I	ī		,
Jan. 1856	11 11	8 5	M	. 83½ 1. 00	per	day.	Jan. 1862	11 11	I 1	M	1. 16½ 1. 33½	per	day.
Average	11	13	M	. 90 -	**	44	Average	11	2	M	1, 25	64	44
. July 1856	11	8 5	M M	1. 00	44	44	July 1862	11 11	1 1	M M	1.16½ 1.33½	**	66
Average	11	13	M	. 90	46	14	Average	11	2	M	1. 25	44	44
Jan. 1857	11 11 11	2 2 1	M M M	. 83½ 1. 00 1. 16½	6 6 6 6	44 44	Jan. 1863	11 11	1	M	1. 33½ 1. 50	"	66
Average	11	5	м	. 963	44	44	Average	11	2 2	M	1.413	64	45
J uly 1857	11 11 11	2 2 1	M M M	. 83½ 1.00 1.16½	44 44	66 66	July 1863 Jan. 1864	11	1 1	M M	1. 66½ 1. 83½	46	66
Average	11	5	М	, 961	14	46	Average	11	2	М	1.75	6.6	66
Jan . 1858	11 11	1 1	M M	. 83 1 1. 16½	66	66	July 1864 Jan. 1865 July 1865	11 11 11	2 2 2	M M M	1.83½ 2.00 2.00	66 66	66 64
Average	.11	2	М	1.00	44	"	Jan. 1866	. 11	2	M	2.00	44	16
July 1858	11 11	1 1	M M	. 83 1 1, 16 1		4.4	July 1866	11 11	1	M	1. 83½ 2. 00	11	16
Average	11	2	М	1.00	44	44	Average		2	M	1. 91 1	44	16
Jan. 1859 July 1859 Jan. 1860	11 11 11	1 1 1 1	M M M	1.00 1.00 1.00	66 66	16 46 44	Jan. 1867 July 1867 Jan. 1868	11 11	2 2 1	M M	1. 88 ± 1. 86 ± 1. 66	44	44
July 1860 Jan. 1861 July 1861	11 11 11	1	M	1, 00 1, 16 1, 16		44	Average	11	4	M	1. 83	66	44

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS-Continued.

CELLAR HANDS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of '	wages.	Payroll.	Hours per day.	Different employés.	Sex.	Rate	of	wagea
July 1868	11 11	1 3	M M	\$1.66½ 1.83½	11	4.4	July 1875	10 10 10	4 1 1	M M M	\$1.66½ 1.83½ 2.00	per	day.
Average	11	4	M	1. 791	64		Average	10	6		1.75	61	44
Jan . 1869	11 11 11	1 2 1	M M M	1. 66½ 1. 83½ 2. 00	6 6 6 6	66 66	Jan. 1876	10 10 10	4 1 2	M M M	1.50 1.661 1.831	11	46
\triangle verage	11	4	M	1.831	14	**	Average	10	7	M	1.62	44	**
J uly 1869	11 11	1 3	M M	1. 66½ 2. 00	**	£1.	July 1876	10 10 10	4 1 2	M M M	1.50 1.66a	11	66
Δ verage	11	4	M	1.911		41	Average	10	7	- 1.0	$\frac{1.83\frac{7}{2}}{1.62}$	"	"
Jan. 1870	10 10	1 4	M M	1.66½ 2.00	66	"	Jan. 1877	10 10	4 2	M M	1. 62 1. 50 1. 83½	. "	11
Average	10	5	M	1. 931	4.6	4.6		10	1	_M	2.00	4.6	4.6
J uly 1870	10 10 10	1 1 3	M M M	1. 66½ 1. 83½ 2. 00	66 64	66 66	July 1877	10 10 10	7 3 1	M M M	1.66½ 1.50 1.66¼	11	46
Average	10	5	М	1. 90	61	44		10 10	1 2	M	$1.83\frac{1}{2}$ 2.00	46	56
Jan. 1871	10 10	2	M M	1.83½ 2.00	66	44	Average	10'	. 7	м	1.711	64	11
Average	10	5	M	1. 931	**	**	Jan. 1878	10 10	1 4	M M	1. 33½ 1. 66½	66	"
July 1871	10 10	2 3	$_{\mathbf{M}}^{\mathbf{M}}$	1.83½ 2.00	84	44		10	2	M	$\frac{1.83\frac{1}{2}}{2.00}$	11	""
Average	10	5	М	1.931	14	41	Average	10	, 8	M	1.71	**	44
Jan. 1872	10 10	; 2	M M	1. 83½ 2. 00	**	"	July 1878	10 10 10	1 4 2 1	M M M	1. 331 1. 661 1. 831	44 44	66 66 66
Average	10	5	M	1. 931	4.6	46		10			2.00	"	"
July 1872	10 10	3	M M	1. 83½ 2. 00	"	45 44	Average Jan. 1879	10 10 10	8 3 3	M M M	1.71	44	16
Average	10	5	M	1.93	44	4.6		10	1	M	1. 58½ 1. 66½	66	16
Jan. 1873	10 10	1 4	M M	$\frac{1.83\frac{1}{2}}{2.00}$	44	" ~	Average	10	1 	M	2.00 1.61½	"	
Average	10	5	M	1. 961	44	44	July 1879	10	4	M	1.413	"	1
July 1873	10 10	1 4	M M	1.83± 2.00	66	41		10 10 10	2 1 1	M M M	1.50 1.66½ 2.00	66	16
Average	10	5	M	1.961	4.6	66	Average	10	8	M	1.54	44	44
Jan. 1874	10 10	1 4	M M	1.83± 2.00	64	44	Jan. 1880	10 10 10	2 1 1	M M M	1.50 $1.66\frac{1}{2}$ 1.75	65 66 64	66 66
Average	10	5	М	1.961	14	44		10	2	M	2.00	64	66
July 1874	10	1 4	M	1.83½ 2.00	44	11	Average July 1880	10 10	6	M M	1.73½ 1.50	**	**
Average	10	5	М	$1.96\frac{1}{2}$	44	44		10	1	M	1. 66½ 1. 75	"	66 66
Jan. 1875	10 10 10	1 3 1	M M M	1.50 1.664 1.834	66 66	66 66	Average	10	- 6	M	2.00	"	"
	10	1	М	2.00	46	44	Jan. 1881	10	2	м	1.50	44	"
Average	19	6	M	1.72	64	44	1	10	ĩ l	M	1.661	44	44

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS—Continued.

CELLAR HANDS-Concluded.

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Payroll of-	Hours per day.	Different employés.	Sex.	Rate of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	rages.
Jan. 1881- cone'd.	10 10	1	M M	\$1.75 per 2.00	r day.	July 1885	10 10 10	2 2 1	M M M	\$1.33½ 1,66½ 1.83½	per	day.
Average	10	5	M	1.681 "	**	Average	10	5		1.56		
July 1881	10 10 10 10	2 1 1 1	M M M	1.50 " 1.66½ " 1.75 " 2.00 "	14 45 44	Jan. 1886	10 10 10	1 1 1	M M M	1. 33½ 1. 50 1. 66½	14 44 44	6 6 6 4 6 4
Average	10	5	<u>M</u>	1. 681 "	16	Average	10	3	M	1.50	44	41
Jan. 1882	10 10 10	1 1	M M M	1.50 " 1.66½ " 1.75 "	1 6 6 6 8 6	July 1886	10 10 10	1 1 1	M M M	1. 33½ 1. 50 1. 66½	44	44 44
Average		3	M	1.64 "	4.6	Average	10	3	M	1. 50	66	44
July 1882	10	1	м	1.50 "	£1.	Jan. 1887	10 10	1	M M	$1.33\frac{1}{2}$ $1.66\frac{1}{2}$	4.6	41
	-10 -10	1	M M	1. 66½ " 1. 75 "	44	Average	10	2	M	1.50		44
Average	10	3	M	1.64	64	July 1887	10 10	1	M M	1.33½ 1.66½	14	44
Jan. 1883	10 10 10	1 1 1	M M M	1.50 " 1.75 " 1.834 "	61	Average	10	2	м	1.50	46	44
Average	10	3-	М	1. 69½ ''	. 66	Jan. 1888	10 10	1 1	M	1.33½ 1.66½	11	66
July 1883	10	\ 1	M M	1. 50		Average	10	2	М	1:50	11	**
\	10 10	1	M	1, 831 "		July 1888	10 10	1 1	M M	1.33½ 1.66½	64	44
Average	10	3	M	1.691		Average	10	2	M	1. 50		44
Jan. 1884	10 10 10	1 1 1	M M M	1, 50 1, 75 1, 83½		Jan. 1889 July 1889 Jan. 1890	10 10 10	1 1 1	M M M	1.66½ 1.66½ 1.66½	11	6 6 6 6
Average	10	3	M	1.691		July 1890	10		M	1.66½		44
July 1884	10 10 10	1 1 1	M M M	1. 50 1. 75 1. 83½	4 64	Jan. 1891	10 10 10	1 2 1	M M M	1. 16½ 1. 50 1. 66½	66	46
Average	10	3	м	1. 691	1 11	Average	10	4	М	1.451	4.6	64
Jan. 1885	10 10 10	2 2 1	M M M	1. 33½ 4 1. 66½ 4 1. 83½ 4	6 66	July 1891	10 10 10	2	M M M	1. 16½ 1. 50 1. 66½	11	44
Average	10	5	M	1.561		Average	10	4	M	1.451	44	**
		1	<u>' </u>		FINIS	HERS.						

FINISHERS.

Jan. 1856	11 - 11	$\frac{1}{2}$	<u>м</u> М	1.00	per	day.	July 1857	11 11	4 2	M M	1.00 1.16½	per	day.
Average	11	1	M	1. 16½		44	Average	11	6	м	1.05½	4.6	"
July 1856	- 11 11	1 2	M	. 83½ 1. 00	44	64 66	Jan. 1858	11: 11 11	1 4 1	M M M	1.00 1.16½ 1.33½	6.6	44 44
Average	11	4	M	1. 16½	41	**	Average	11	6	м	1.161	41	66
Jan. 1857	. 11 . 11	4 2	M M	1.00 1.16½	66 61	44	July 1858	11 11	. 5 1	M M	1. 16½ 1. 33½	64	44
Average	11	6	M	1, 051	44	44	Average	11	6	М	1.191	61	46

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS—Continued.

FINISHERS-Continued.

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Payroll of—	Hours day.	Different employés.	Sex.	Rate	of	wages	Payroll of—	Hours per day.	Different employés.	Sex.	Rat	e of	wage
Jan. 1859	11 11	5 1	M M	\$1, 16 <u>1</u> 1, 33 <u>1</u>	per	r day.	July 1865- conc'd.	11 11	1	M M	\$2.00 2.16½	per	day,
Average	11	6	M	$1.19\frac{1}{2}$	64	44	Average	11	10	M	1.911	4.6	64
July 1859	11 11	5 1	M M	1.161 1.331	44	66 66	Jan. 1866	11 11	1 2	M M	1. 16 1 1. 66 1	44	66 66
Average	11	6	M	1. 19½	11	4.6		11 11	3	M	1.83½ 2.00	66	44
Jan. 1860	11 11	5 1	M	1. 16½ 1. 33½	64	66	Average	11	7	Т	1, 711	41	46
Average	11	. 6	M	1. 19½	4 6		July 1866	11 11	1	M	1. 161	"	44
J uly 1860	11 11	. 5 . 1	M M	1.16½ 1.33½	66	6 6 6 6		11	1 4 1	M M M	1. 66½ 1. 83½ 2. 00	66.	66 66
Average	11	6	M	1. 19½	66	44	Average	11	7	M	1.74	4.6	44
Jan. 1861	11 11	1 5	M	1. 161 1. 331	11	64	Jan. 1867	11 11	3 2	M M	1.66½ 1.83½	££	44
Average	11	6	M	1.301	а	44		11	1	M	2.00	66	"
July, 1861	11 11 11	1 1 4	M M M	1. 16½ 1. 33¼ 1. 50	4 E 6 E	66) 66	Average July 1867	11	6	M M	1. 77½	**	**
Average	11	6	M	1.411	66	64	o tay 100.	11	2	M M	1.83½ 2.00	11	"
Jan. 1862	11	1	м	1. 161	6.6	66	Average	11	6	м	1.774	44	14
	11	- 1 4	M	1. 331	66	44	Jan. 1868	11 11	. 4 5	M M	1. 66½ 1. 83½	16	16
Average	11	6	M	1. 521		** ,		11	1	M	2.00	64	44
July 1862	11 11 11	1 1 4	M M M	$\begin{array}{c} 1.16\frac{1}{2} \\ 1.33\frac{1}{3} \\ 1.83\frac{1}{3} \end{array}$	4 k	44 44	Average July 1868	11	10 2	M M	1. 78½ 1. 66½	11	"
Average	11	6	M	1.64	66	te		11 11	7	M M	$\frac{1.83\frac{7}{2}}{2.00}$	66	"
Jan. 1863	11 11	1	M M	$\frac{1.16\frac{1}{2}}{1.33\frac{1}{2}}$	14	66	Average	11	10	M	1. 812	44	44
	11 11	1 1 3	M M	1. 83½ 2. 00	46	44	Jan. 1869	11 11 11	3 2	M M M	1. 66½ 1. 83½ 2. 00	"	66 61
Average	11	6	м	$1.72\frac{1}{2}$	44	44	Average	11	8	M	1.81	"	16
July 1863	11 11 11	1 1 4	M M M	$1.16\frac{1}{2}$ $1.33\frac{1}{2}$ 2.00	66 66	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	July 1869	11 11	2 2	M M	1. 661 1. 831	66	46
Average	11	6	M	1.75	66	44		īī	4	M	2.00	18	**
Jan. 1864	11	5	м	1. 331	6.6	**	Average	11	8	M	1.87	8.8	"
	11 11	3	M M	2. 00 ² 2. 16½	44	46	Jan. 1870	10 10	1 7	M	1. 66½ 2. 00	"	44
Average	11	9	М.	$1.68\frac{1}{9}$	6.6	44	Average	10	8	М	1.96	**	44
July 1864	11 11	5 4	M M	$\frac{1.33\frac{1}{2}}{2.16\frac{1}{2}}$	44	66	July 1870	10 10	17	M M	1.66½ 2.00	"	16 16
Average	11	9	M	1.701	44	44	Average	10	8	М	1.98	*	"
Jan. 1865	11 11 11	1 4 1	M M M	1.50 1.66½ 2.00	44 44	44 44	Jan. 1871	10 10	1 6	M M	1.66½ 2.00	14 44	66 66
	11	4	M	2. 161	66	44	Average	10	7	M	1. 95	44	"
Average	11	10	M	1.88	44	44	July 1871	10 10	1 6	M	1.66½ 2.00	66 66	66 66
July 1865	11	1	M/M	1. 661 1. 831	44	46	. Average	10	7		1, 95	46	"

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS—Continued.

FINISHERS-Continued.

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Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	=
Jan. 1872	10 10	1 5	M M	\$1.66½ 1 2.00	per	day.	Jan. 1878	10 10 10	1 2 1	M M M	\$1.58½ 1.66½ 1.75	per	day.	
Average	10	6	M	1. 941/2	41	14		10 10	1 1	M M	1.831	11	14	
July 1872	10 10	1 5	M M	1, 66½ 2, 00	66	44	A waya ga	10	· - 2 8	M	2. 16½ 1. 85½	16	46	
. Average	10	6	М	1.941	1.6	14	Average	10	1	M	1.50		44	
Jan. 1873	10 10	2 7	M	$\frac{1.66\frac{1}{3}}{2.00}$	"	"	July 1878	10 10 10	1 2 1	M M M	1.58½ 1.66½ 1.75	44	"	
Average	10	9	M	$1.92\frac{1}{2}$	**	4.6		10 10	î 1	M	1.83½ 2.00	44	44	
July 1873	10 10	2 7	M M	1. 66½ 2. 00	66	**	A	10	9	M	2. 16½ 1. 81½	44	44	
Average	.10	9	M	1.921	"	4.6	Average	10	1	M	1.50	11	44	
Jan. 1874	10 10 10	1 1 8	M M M	$ \begin{array}{c c} 1, 66\frac{1}{2} \\ 1, 83\frac{1}{2} \\ 2, 00 \end{array} $	6 E 6 E	6 6 6 6	Jan. 1879	10 10 10 10	2 3 2 1	M M M	1. 58½ 1. 66½ 2. 00 2. 08½	44	6 6 6 6	
- Average	10	10	M	1.95	**	44 -	Average		9	M	1. 75	14	6.6	
July 1874	10 10 :10	1 2 7	M M M	$\begin{array}{c} 1.66\frac{1}{3} \\ 1.83\frac{1}{2} \\ 2.00 \end{array}$	66	44	July 1879	10 10	$\frac{1}{2}$	M M	1. 41½ 1. 50	44	66 66	
Average	10	10	М	1.933	4.6	**		10 10 10	2 1 2	M M M	1.58½ 1.66½ 1.91½	16	46	
Jan. 1875	10	2	M M M	1.50 1.66½ 1.83½	66	11 11	Average	10	1 9	M	2.00	11	44	
•	10 10	1 3	M	2.00	44	44	Jan. 1880	10	1	М	1. 411	4.6	5.6	
· Average	10	7	M	1.781	6.6	44	5ац, 1000	10	1 2	M	1.50 1.58½	6.6	"	
. July 18 75	10 10 10		M M M	1.50 1.66½ 1.83½	23	66		10	3	M	1. 66½ 2. 00	11	44	
	10	_'	_'	2.00			Average		9	M	1. 41½	4.5	6.6	
Average Jan. 1876	10 10	2 3	M	1.78½ 1.50 1.66½	46	66 66 66	July 1880	10 10 10 10 10	1 1 2 2 3	M M M M	$ \begin{array}{c c} 1.50 \\ 1.58\frac{1}{2} \\ 1.66\frac{1}{2} \end{array} $	4 6 6 6 6 6 6 6 7 8	6 6 6 6 6 6	
	10 10 10	1		1.83½ 2.00 2.16½	66	66	Average	-		M	1.711	4.6	4.6	
Average			_	1.75	16	**	Jan. 1881	10	2	M	1. 50	44	44	
July 1876	1	3	M	1.50 1.66± 1.83±	66	66 66		10 10 10 10	2 1 1 3	M	1. 58½ 1. 66½ 1. 83½ 2. 00	11	44	
	- 10 10	1	M	2.00		66	Average	10	. 9	M	1.74	"	66	
Average	e 10	, 8	M	1.75			July 1881	10	2	M	1.50 1.581	44	4.6	
Jan. 1877	7 10 10 10) 4	. M	1, 66 1 1, 83 1	26	66 66		10 10 10	1	M	1. 66½ 1. 83½ 2. 00		44	
	10) 1	M	2.00		14	Averag	e 10	! 9	M	1.74	, ,		
Averag	е 10	9	M	1.811		44	Jan. 1882	10					4.6	
July 1877	10) 4	M	$1.66\frac{1}{2}$	44	11 11		10	1	M	1.66 2.00	1 66		
	10	f 3	l M	2.00	66	64	Averag							
	e 10	_	_	1.81	66		July 1885	2 10		M P M		1 11		

17509, pt. 2-60

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS—Continued. FINISHERS Concluded.

				FINISI	HERS	Conclude	1 _:					
Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wa	ges.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1882- cone'd.	10 10	1 4	Л	\$1 66½ per da 2.00 "	ay.	Jan. 1857	10 10 10	4 11 2	м л	\$1.66\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	per (day.
Average	10	9	M	1.76 "	٠	Average		17	M	1.814	64	
Jan. 1883	10 10 10 10	2 1 2 3	Л М М	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		July 1887	10 10 10	4 11 2	M M M	1. 66½ 1. 83½ 2. 00	66 66	66 66 68
Av erage	10	8	M	1.74 " "	٠	Average	10	17	M	1. 811	6.6	44
July 1:83	10 10 10 10	2 1 2 3	M M M M	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	4	Jan. 1888	10 10 10	. 2 10 2	M M M	1.661 1.831 2.00 1.434	66	£6 £6
Average Jan. 1584	10 10 10	8 3 1	M M M	1.581 "	16	Average July 1888	10 10 10	3 9 2	л л	1. 661 1. 831 2, 00	66 62 61	61 66 66
	10 10 10	1 1 2	л Л	1.831 "	14	Average Jap. 1889	10	14	M M	1.82	46	14 65
Average July 1884	10	3 1	л л	1.50 " "	14	Jay. 1000	10 10 10	1 7 1 1	И М	1. 56½ 1. 83½ 2. 01	66	66 65
	10 10 10 10	1 1 2	M M M	1. 661 " "	16 16 16	Average July 1889	. 10 . 10 . 10	10 1 7	M M M	1.70 1.50 1.661	84 88	66 66
Average	e 10	8	M	1.70 44 0		}	10	2	<u>Д</u>	2.00	66	4
Jan. 1885	10 10 10 10	2 4 2 1	M M M M	1.661 " "	1.6 1.6	Average Jan. 1890	10 10	10 1 7	M M	1. 71½ 1. 50 1. 66½	41 41 41	66 66
Average	в 10	9	Л	1.701 "			10	9	Л	2.00 1.684	66	46
July 1885	10 10 10 10	2 4 2 1	м л и	1.66½ " 1.83½ "	6.6 6.6 6.6	Average July 1890	10 10 10	1 7 1	M. M. M	1.50 1.66½ 2.00	66 66	66 68
Average	10	9	M	1.701 "	44	Average	10	9	М	1.631	* *	**
Jan. 1-36	10 10 10	2 5 3	<u>л</u> л	1.661 "	44 48 48	Jan. 1891	10 10 10	1 6 1	л Л	1, 50 1, 66½ 2, 00	11. 11	46
Average	e 10	10	M	1.651 "	46	Average	10	8	М	1.684	64	46
July 1886	10 10 10	2	M M M	1.601 "	66 66	July 1891	10 10 10	1 6 1	<u>М</u> М	1.50 1.661 2.00	6E	66 68
Averag	е 10	10	М	1.761 "	**	Average	10	8	М	1.681	66	44

FLATFENERS.

											_	_
Jan. 1856	11 11	2 4	1.00 1 1.16	per	day.	Jan. 1857	11 11			. 83½ 1. 16½		
Average	11	6 2	И 1.11	44	66	Average	11	7	M	L 12	6.6	46
July 1856	11 11	2 4	M 1.00 M 1.16		64 64	July 1857	11 11	1 6	$\frac{\mathbf{M}}{\mathbf{M}}$	1, 164	44	66 66
$\mathbf{Average}_{i}$	11	6 3	И 1.11	**	44	Average	ш	7	М	1.12	65	44

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS-Continued.

FLATTENERS-Continued.

								_						
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés		Rate	of	wage	98.
Jan. 1858 July 1858 Jan. 1859	11 11 11	4 4	M M M	\$1. 16 \frac{1}{2} 1. 16\frac{1}{2} 1. 50	per	day.	July 1871	10 10	2 2	M M	\$1.83½ 2.00	per	day.	,
July 1859 Jan. 1860	11 11	1 1	M	1.50- 1.161	44	46	Average	10	4	M	1.915	66	6.6	1
July 1860 Jan. 1861 July 1861	11 11 11	1 1	M M M	1. 16½ 1. 33½ 1. 50	66	£ £	Jan. 1872	10 10	1 2	M M	1.83½ 2.00	**	tt t	
Jan. 1862 July 1862	11	1	M	1.50 1.664	66	£ £	Average	10	3	M	1, 94	* *	44	
Jan. 1863 July 1863	11 11	1	M	1.83	11	44	July 1872	10 10	1 2	M	1.83½ 2.00	44	44	
Jan. 1864 July 1864	11 11	1	M M	2.00	"	66	Average	10	3	М	1. 943	"	ŧŧ	
Jan. 1865 July 1865	11	1 1	M	2. 16½ 2. 16½	11	44	Jan. 1873	10	3	м	2.00			
Jan. 1866	iı	1	М	1.66	44	**	July 1873 Jan. 1874	10 10	3 4	M	2.00 2.00	64	4.6	
	11 11	1	M	1.83\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	£ £	**	July 1874	10	4	M	2.00	64		
Average	11	3	М	1.89	"	44	Jan. 1875	10 10 10	1 2 1	M M M	1.83½ 2.00 2.33½	41	46	
July 1866	11 11	1 1	M M	1.66½ 1,83½	14	**	Average	10	4	M	2.041	61	4 6 6	
Average	11	3	M	2.00° 1.83½	1.6	44	July 1875	10 10 10	1 2 1	M M M	1.83½ 2.00 2.33½	44	46 46	
Jan. 1867	iı	1	м	1.661	64		Average	10	4	M	2.041	44	14	
	11	3	M	1.831	14	"	Jan. 1876	10	1	MI	1, 50	44	**	
.Average	11	4	M	1.791	"	16.		10 10	1 2	M	1. 66½ 2. 00	**	44	
July 1867	11 11	1 3	M M	1.66± 1.83±	44	44		10	. 1	M	2. 331		44	
Average	ļ	4	M	1.79	44	44	Average	10 10	5 1	M	1.90		46	
Jan. 1868	11 11	2 2	M M	1.83½ 2.00		44	July 1876	10 10 10 10	1 2 1	M M M	1. 66½ 2. 00 2. 33½	2 E	6 6 6 6	
Average	11	4		1.911	13	41	Average	10	5	M	1.90	6.6	66	
July 1868	11 11	2 2	M M	1.83½ 2.00	"	44	Jan. 1877	10 10	1 1	M M	1,50 1,66½		44	
Average	11	4	м	1.911		44		,10 10	$\frac{1}{2}$	M	1.83\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	11	**	
Jan. 1869	11	1	М	1.661	66	41	A.verage	10	5	M	1.861	4.6	4.6	
	11 11	2	M M	$1.83\frac{1}{2}$ 2.00	44		July 1877	10	2 1	M M	1.66½ 2.00	- 11	"	
A verage	11	4	м	1.831	44	4.6		10 10 10	1 1	M	2. 16½ 2. 33½	66	44	
July 1869	11 11 11	1 1 2	M M M	$1.66\frac{1}{2}$ $1.83\frac{1}{3}$ 2.00	44 44	11 11	Average	10	5	М	1.961	11	66	
Average		1 4	M	1. 871	46	44	Jan. 1878	10 10	2 1	M	1, 66½ 2, 00	16	14	
Jan. 1870	10	2	м	1.831	44	44		10	2	M	2.331	46	16	
	10	2	_M	2.00	66	66	Average	10	5	M	2.00	66	44	
Average	10	4	M	1.91½	44		July 1878	10 10	2	M	1.66½ 2.00	11	64 64	
July 1870	10 10	2 2	M	1.83½ 2.00	44	44	Average	10	5	M	2. 331	44	16	
Average	10	4	М	1.911	64	6.6	Jan. 1879	10	2	M	1.50		11	
Jan. 1871	10 10	2 2	M M	$ \begin{array}{c c} 1.83\frac{1}{2} \\ 2.00 \end{array} $	**	44		10	1 2	M	1.58½ 2.00	14	44	
Average	10	4	M	1.911	44	46	Average	10	5	M	1.71	66	44	

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS-Continued.

FLATTENERS-Concluded.

	l			Γ			II.		1	1		==	
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of 1	wages.
July 1879	10 10 10	2 2 1	M M M	\$1.41½ 1.50 2.00	per "	day.	July 1883	10 10 10 10	3 1 1 2	И И М	\$1.50 1.664 1.834 2.00	per	day.
Average	10	5	M	1.681	4.6	6.6	∦ .						
Jan1880	10	4	м	1.50	1.4	4.6	Average	10	7	м	1.71	16	4.6
9 au 1000	10 10	1 2	М М	1.66½ 2.00	44	**	Jan. 1884	10 10	3	M M	1.50 1.66½	. 44	66
Average	10	7	M	1.661	4.6	rt.	1	10 10	1 2	M	$1.83\frac{1}{2}$ 2.00	11	**
July 1880	10 10 10	4 1 2	M M M	1.50 1.66½ 2.00	44	4 6 6 6 6 6	Average	10	7	М	1.712	ει	"
Average	10	7	М	1.661	64	**	July 1884	10 10 10	3 1 1	M M M	1.50 1.66½ 1.83½	44	10
Jan. 1881	10 10 10	4 1 2	M M M	1.50 1.83½ 2.00	46	6 E	Average	10	7	M	2.00°		11
Average	10	7	M	1.69	4.6		Jan. 1885	10	1	М	1.50	"	46
July 1881	10 10 10	4 1 2	M M M	1.50 1.83½ 2.00	11 11	6 E	Average	10	3	<u>м</u> м	1. 66½ 1. 61		44
Average	10	7	M	1. 69	66	66	July 1885	10 10	$\frac{1}{2}$	M M	1. 1. 50 1. 66 1	"	11
Jan. 1882	10 10 10	3 1 1	M M M	1.50 1.66½ 1.83½	66	6 E	Average		3		1. 61	**	**
Average	10	7	M	2.00°	44	11	Jan. 1886	10 10	1 1	М	1 50 1.66½	66	16
July 1882	10	3	м	1.50		*	Аустаде	10	2	M	1.583	LL	"
0 41,7 200-	10 10 10	1 1 2	M M M	1. 661 1. 831 2. 00	11	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	July 1886 Jan. 1887	10 10	. 2	M M	1.661 1.831	11	66 66
Average	10	7	М	1.711	4 6	"	July 1887 Jan. 1888 July 1888	10 10 10	1 . 1 1	M M M	1.831 1.831 1.831	44	- 46
Jan. 1883	10 10	3	M	1.50 1.661	66	66	Jan. 1889 July 1889	.10 10	1 1	М	1.83½ 1.83½	- 11	**
	10 10	$\frac{1}{2}$	M	1.83½ 2.00	44	44	Jan. 1890 July 1890 Jan. 1891	10 10 - 10	1,4 1	M M	1.913 1.913 1.913	46	66
Average	10	7	М	1.713	ŧ£	44	July 1891	10	• 1	M	1.91	44	66
							¥				1		

GLOSSERS.

Jan. 1856 July 1856 Jan. 1857 July 1857 Jan. 1858	11 11 11 11 11	1 1 1	M M M M	. 83 ½	er day	- 1	July 1864. Average	11 11 11	1 1 2	M M	1. 33½ 2. 00 1. 66½	per "	
July 1858 Jan. 1859 July 1859 Jan. 1860 July 1860	11 11 11 11 11	1 1 1 1 1	M M M M	1. 16½ 1. 16½ 1. 16½ 1. 16½ 1. 16½ 1. 16½	16 46 16 46 18 46		Jan, 1865	11 11	1 1 2	<u>М</u>	1.33½ 2.00 1.66½	"	46
Jan. 1861 July 1861 Jan. 1862 July 1862 Jan. 1868 July 1863	11 11 11 11 11 11	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M	1. 33½ 1. 50 1. 50 1. 66½	66 66 66 61 66 66 66 66	′	July 1865 Average	11 11	1 2	М	1.50 2.00 1.75	11	
Jan. 1864	11 11	1 1 2	M M	1.33½ 2.00		1	Jan. 1866 Average	11 11 11 11 1	1 1	M M	1. 50 2. 00 1. 75	**	44 44

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS-Continued.

GLOSSERS-Continued.

Payroll of	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1866	11 11	1 1 2	M M	\$1,66½ 1 2,00 1,83¾	er	day.	Jan. 1876	10 10 10 10	1 1 1	M M M M	\$1.50 1.83½ 2.00 2.16½	per	day.
' Average Jan. 1867	11	1	м	1.66	66	44	Average	10	4	M	1.873	44	44
,	11	1 2	М	1. 83 1 1. 75	"	44	July 1876	10	1	M	1.50	64	44
Average July 1867	11	1	M	1.66₺	66	44		10 10 10	1 1 1	M M M	$ \begin{array}{c c} 1.83\frac{1}{2} \\ 2.00 \\ 2.16\frac{1}{2} \end{array} $	61	**
	11	1 2	M	1. 83½ 1. 75	66	44	Average		4	M	1.871	44	**
Jan. 1868	11	3	M	1,831	11	44	Jan. 1877	10	1	м	1.50	66	44
July 1868	11	3	M	1.831	44	66 		10 10	1	M	2.00 2,16½	"	44
Jan. 1869	11 11	1 2	M	2, 00	**	44	Average	10	. 3	M	1.89	**	44
Average		3	M	1.941	"	46	July 1877	10 10	1 1	M M	1.50 2.00	64 64	44
July 1869	11 11	1 2	M M	1.83½ 2.00	**			10	3	M	2. 16½ 1. 89	44	66
Average	1	3	M	1.941	44		Average	i i				44	46
Jan. 1870 July 1870 Jan. 1871	10 10 10	3 3	M M M	2.00 2.00 2.00	44	61 68 66	Jan. 1878	10 10 10	1 1 1	M M M	1.66½ 2.00 2.16½	11	44
эшу 1871	10	3	M	2.00	66	44	Average		3	M	1.941	66	44
Jam. 1872	10 10	1 3	M M	1.66½ 2.00	44	44	July-1878	10	1	M	1.661	44	64 44
Averag	10	4	M	1.911		66		10 10	1	M M	2.00° 2.161	6.6	44
July 1872	10 10	1 3	M	$1.66\frac{1}{2}$ 2.00	44	44	Average	10	3	"M	1.94%	44	66
Averag	10	4	М	1.913		44	Jan. 1879	10 10	2	M M	1.50 2.00	66	66
Jan. 1873	.10	1 2	M	1. 66½ 1. 83½	11	** **	Average	10	3	M	1.661	"	"
Averag	10 10	5	M	2.00 1.91½	"	46	July 1879	10 10	1 1	M M	1.33½ 1.50	44	66 56 65
July 1873	10	1	м	1.661	44	44		10	3	M	2.00		41
	10 10	1 6	M	$1.83\frac{1}{2}$ 2.00	44	"	Jan. 1880	10	1	м	1.331	44	64
Averag		8	M	1.931	44	"		10 10		M M M	1.50° 1.66½ 2.00°	66	66
Jan. 1874	10 10	5	M	1.83½ 2.00	44	44	Average	10	_	M	1.621	is	66
Averag		8	М	1.94	61	**	July 1880	10	1	м	1.331	"	"
July 1874	10	5	M M	$\frac{1.83\frac{1}{2}}{2.00}$	11	ei er		10 10 10	1		1.50 1.66± 2.00	44	"
Averag		8	М	1.94	44	45 /	Average	1	-!		1.62	44	44
Jan. 1878	10		M	1. 661 1. 831	11	66 66	Jan. 1881	10 10	1 1		1.50 1.58	46	44
,	10 10		M M	2.00 2.16½	66	44		10 10	1	M	1. 66± 2. 00	11	44
Averag	ì	1	М	1.79	44	"	Averag	e 10	4	м	1.68	44	44
July 1875	10 10 10 10	1 1	M M M M	1. 66½ 1. 83½ 2. 00 2. 16½	44	66	July 1881	10 10 10	2	M	$ \begin{array}{c} 1.581 \\ 1.661 \\ 2.00 \end{array} $	- 66 - 66 - 66	14 44
Averag	e 10	8		1.79		46	Averag	e 10	4	М	1.73	64	**

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS—Continued.

GLOSSERS-Concluded.

	Hours	1		1			II .	Hours	i	1	1	_	
Payroll of	per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	per day.	Different employés.	Sex.	Rate	of	wages.
Jan. 1882	10 10 10	1 2 1	M M M	\$1.58½ 1.66½ 2.00	pe	r day.	Jan. 1885	10 10 10	1 3 2	M M M	\$1.33½ 1.50 1.66½	- 44	day.
Avera ge	10	4	М	1.73	4.6	46	Average	10	6	M	1.521	14	46
July 1882	10 10 10	1 2 1	M M M	$1.58\frac{1}{2}$ $1.66\frac{1}{2}$ 2.00	"	44	July 1885	10 10 10	1 3 2	M M M	1.33½ 1.50 1.66½	46 46 66	66 66
Average	10	4	М	1. 73	4.6	44	Average	10	6	.М.	1. 521	4.6	44
Jan. 1883	10 10 10 10	1 1 1	M M M M	1.50 1.58½ 1.66½ 2.00	**	64 61 64	Jan. 1886	10 10 10	1 4 2	M M M	1. 331 1. 50 1. 662	"	64 64 +4
Average	10	4	М	1.683	64	4.6	A verage July 1886	10 10 10	7 3 4	M M M	1.52½ 1.50 1.66¾	66	44
July 1883	10 10 10 10	1 1 1	M M M	1.50 1.581 1.661 2.00	46	4.6 6.6	Average	10	7	M	1.59½	44	"
Average	10	4	M	1.681	-	44	Jan. 1887	10 10	1 I	M M	1.50 1.66½	**	44
Jan. 1884	10 10 10 10	1 1 1	M M M	1. 58½ 1. 66½ 1. 83½ 2. 00	44 44 44	66 66	Average July 1887	10 10 10	1 1	M M M	1.58½ 1.50 1.66½	66	44 ·
Average	10	4	M	1.77	66	44	Average	10	2	М	1. 58½	44	44
July 1884	10 10 10 10	1 1 1 1	M M M M	1. 58½ 1. 66½ 1. 83½ 2. 00	44 44	62 46 46	Jan. 1888 July 1888 Jan. 1889 July 1889 Jan. 1890 July 1890 Jan. 1891	10 10 10 10 10 10	1 1 1 1 1 1	M M M M M	1.83½ 1.83½ 1.83½ 1.83½ 1.83½ 1.83½ 2.33½	66 66	66 61 61 64 66
Average	10	4	M	1.77	6.6	**	July 1891	10	i	M	2. 33 2	46	44

SETTERS-OUT

SEITERS-OUT.														
Jan. 1856	11 11	1 3	M M	1.00 1.16½		day.	Jan. 1859	11 11 11	I 1 4	M M M	1.00 1.161 1.331	per	day.	
Average	11	4	М	1. 12	- 64	44								
July 1856	11	,	м	1.00	4.6	14	Average	11	6	M	1. 25	11	64	
July 1830	11	1 3	M	1.16*		16	July 1859	11	1	М	1.00	66	44	
1.				2			1 - 1-3 2000	11	ī	M	1.164	1 66	4.5	
Average	11	4	M	$1.12\frac{1}{2}$	44	+4	il i	11	4	M	1.33	44	41	
Jan. 1857	11	1	м	. 831	6.5	6.6	Average	11	6	M	1. 25	66	44	
	11	$\frac{1}{2}$	M	1.00	6.6	8.6								
	11	ī	M	1 161	6.6	66	Jan. 1860	11	1	M	1. 161	6.6	44	
			l				July 1860	11	1	M	1.16	* *	44	
Average	11	4	м	1.00	4.6	64	Jan. 1861	11	1	M	1.33	4.6	44	
							July 1861	11	1	71	1. 33	6.6	4.4	
July 1857	11	1	M	. 83%	6.6	6.6	Jan. 1862	11	1	\mathbf{M}	1.50		46	
	11	2	M	1.00	6.6	44	July 1862	11	1	M	1,661		6.6	
1	11	1	M	1.16	5.4	6.6	Jan. 1863	11	1	M	1.83	4.6	44	
							July 1863	11	1	M	2.00	44	44	
Average	11	4	M	1.00	4.6	6.6	Jan. 1864	11	1	M	2.161	44	44	
-				I			July 1864	11	1	M	2, 161	64	44	
Jan. 1858	11	3	M	1.161	6.6	44	Jan. 1865	11	1	M	2.16	6.6	16	
	11	1	М	1. 33	8.6	6.4	July 1865	11	1	M	2. 16	4.6	44	
							Jan. 1866	11	1	M	2.00	66	4.6	
Average	- 11	4	M	1. 201	16	64	July 1866	11	1	М	2.00	66	66 84	
T-1-1050			20				Jan. 1867	11	1	М	$1.83\frac{1}{2}$	66	44	
July 1858	11	2 2	M	$1.16\frac{1}{2}$	4.6	44	July 1867	11	1	М	1.831	14	44	
	11	2	M	1. 33 1	4.4	4.6	Jan. 1868	11	1	М	1.83	66	44	
							July 1868	11	1	M	1.831		44	
A.verage	11	4.	М	1.25	6.6	66	Jan. 1869	11	1	M	1.83		••	

LEATHER: ESTABLISHMENT No. 60, MASSACHUSETTS—Continued.

SETTERS-OUT-Continued.

Payroll	Hours					- 1		Tf			1		
of—	per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1869 Jan. 1870	11 10 10	1 1 1	M M M	\$1.83\\\\ 1.66\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	per e	day.	Jan. 1881	10 10	1	M M	\$1, 25 1, 50	per	day.
July 1870 Jan. 1871	10 10 10	2	M	1. 66½ 1. 66½	44	44	Average	10	. 2	М	1.371	44	**
July 1871 Jan. 1872 July 1872	10 10	2 2 2	M M	1. 66½ 1. 66½	46	6 L	July 1881	10 10 ·	1	M M	1. 25 1. 50	16	46
Jan. 1873	10 10	1	M	1.66½ 2.00	66 66	16	Average	10 :	2	M	1.371	64	44
Average	10	2	M	1.831	44	**	Jan. 1882	10 10	1	M M	1.25 1.50	64	44
July 1873	10 10	1	M	1.66½ 2.00	44	46	Average	10	2	M	1.371	16	44
Average	- <u>10</u>	2	М	1.831	44	••	July 1882	10 10	1 1	M	1. 25 1. 50	44	44
Jan. 1874	10 10	1 1	M M	1.66½ 2.00	44	46 44	Average	10 }	2	M	1. 37½	4.6	1.6
Average	10	2	M	1,831	44	44	Jan. 1883	10 10	1 I	M M	1. 25 1. 50	64	44
July 1874	10 10	1	M	1.66½ 2.00	44	64 65	Average	10	2	м	1. 371	6.6	44
Average.		2	M	1.831	41	44	July 1883	10 10	1 1	M	1.08½ 1.50	44	**
Jan. 1875	10 10	1	M	1. 66½ 2. 00	44	44	Average	10	2	М	1, 291	44	44
Average		2	м	1.831	**	**	Jan. 1884	10 10	1	M M	1. 25 1. 50	64	64
July 1875	10	1	M	1.661	**	11	Average	10	2	M	1.37₺	4.6	44
Average	10	2	M	1.831	44	44	July 1884	10 10	1	M M	1.25 1.50	66	6 6 6 8
Jan. 1876	10	1	м	1.50	44	44	Average	10,	2	M	1. 371	44	44
Average	10	1 2	M	1. 661	"	**	Jan. 1885	10 10	1 2	M M	1.25 1.50	66	44 44
July 1876	10	2	м	1.664	44	64 64	Average	10	3	M	1. 411	66	44
Jan. 1877 July 1877	10 10	2 2	M	1. 66½ 1, 66½	44	**	July 1885	10 10	1 2	M	1. 25 1. 50	44	44
Jan. 1878	10 10	1	M	1. 41½ 1. 66½	46	46	Average	10	3	M	1. 411	"	44
- Average	10	2	м	1.54	44	44	Jan. 1886 July 1886	10	2 2	M	1.50 1.66½	44	44
July 1878	10 10	1 1	M	1.411 1.661	44	16	Jan. 1887	10	2	M	1.50	46	44
Average	10	2	м	1.54	44	44	July 1887	10 10	1	M	1.661	44	4.6
Jan. 1879	10 10	1	M	1.331 1.581	44	66	Average	1 .	2	M	1.58	44	44
Average		2	M	1. 46	64	44	Jan. 1888	10	1	M	1.50 1.83½	44	44
July 1879	10	1	м	1.331	46	44	Average	[.	3	M	1.61	66	44
	10	1	М	1.411	44	"	July 1888	10 10	1	M	1.50 1.831	44	66
Average		2	M	1. 371	66	44	Average	10	3	М	1.61	46	44
Jan. 1880	10 10	1 1	M	1. 25 1. 50	44	46	Jan. 1889	10 10	2	M	1.50 1.83	14	44
Average	-10	- 2	M	1, 371	46	44	Average	10	3	M	1. 61	66	66
July 1880	10 10	1 1	M M	1. 25 1. 50	**	44	July 1889	10 10	1	M M	1. 50 1. 83½	**	44
Average	10	2	м	1. 371	86	**	Average	10	3	М	1. 61	**	44

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS-Continued.

SETTERS-OUT-Concluded.

Payroll of—	Hours per -day.	Different employés.	Sex.	Rate of wages.		Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1890	10 10	1	M M	\$1.50 per day. 1.83½ " "	Jan. 1891	10 -10	1 1	M M	\$1.50 per day.
Average	10	2	M	1.661 " "	Average	10	2	М	1.661 . " "
July 1890	10 10	1 1	M M	1.50 " " 1.83½ " "	July 1891	10 10	1 1	$_{ m M}^{ m M}$	1.50 " " 1.83½ " "
Average	10	2	М	1.66½ " "	Average	10	2	М	1.661 " "

SPLITTERS.

Jan. 1856 July 1856 Jan. 1857	11 11 11	1 1 1	M M M	1.16½ per day. 1.16½ " "	July 1870	10 10	2 1	M M	2.00 2.16½	per	day.
July 1857	11 11	1 1	M M	1. 16½ " " 1. 1. 50 " "	Average	10	3	,M	2.05	44	14
Jan. 1858 July 1858 Jan. 1859 July 1859 Jan. 1860	11 11 11 11	1 1 1 1	M M M	1.50 " " " 1.50 " " 1.50 " " " 1.50 " " " " 1.50 " " " " " " " " " " " " " " " " " " "	Jan. 1871	10 10 10	1 1 1	M M M	2. 00 2. 161 2. 331	44	66 66
July 1860	11 11	1 1	M	1.50 " "	Average	10	3	M	2. 161	6.6	44
Jan. 1861 July 1861 Jan. 1862 July 1862 Jan. 1863	11 11 11 11	1 1 1 1	M M M M	1. 83½ '' '' 1. 83½ '' '' 2. 00 '' '' 2. 16½ '' ''	July 1871	10 10 10	1 1 1	M M M	2. 00 2. 16½ 2. 33½	66	16 66
July 1863	11	1	M	2. 16½ " " 2. 33½ " "	Average	10	3	M	2. 161	ť ť	t t
Jan. 1864 July 1864 Jan. 1865 July 1865	11 11 11	1 1 1	M M M	2.331 " " 2.331 " " 2.331 " "	Jan. 1872	10 10	1 2	M M	$\frac{2.00}{2.16\frac{1}{2}}$	66	44
Jan. 1866 July 1866	11 11	1	M	2.331 " "	Average	10	3	M	2.11	**	4.6
Jan. 1867	11 11 11	1	M	1.66½ " " 2.16½ " "	July 1872	10 10	2 1	M M	2.00 $2.16\frac{1}{2}$	**	44 64
Average	11	2	M	1.911 " "	Average	. 10	3	M	2.051	44	44
July 1867	11 11	1 1	M M	1.66½ " " " 2.16½ " "	Jan. 1873	. 10 . 10	, 2 1	M M	2.00 2.16½	"	11-
Average	11	2	M	1.91% " "	Average	10	3	M	$2.05\frac{1}{2}$	66	44
Jan. 1868	11 11	1 1	M M	1.66½ '' '' 1.83½ '' ''	July 1873	10 10	1 2	M M	2.00 2.16	"	16
•]	11	1	M.	2.161 " "	Average	. 10	3	M	2.11	6.6	44
Average July 1868	11 11 11	3 1 1	M M M	1.89 44 44 1.66½ 44 44 1.83½ 44 44	Jan. 1874	10 10 10	2 1 1	M M M	2.00 2.16½ 2.33½	**	44
	11	1	M	2. 16½ " "	Average	10	4	м	2.12	14	4.6
Average	11	3	M	1.89 "	Tuly 1074	10	2	м	2,00		44
Jan. 1869	11 11 11	1 1 1	M M M	1.66½ " " 1.83½ " " 2.00 " "	July 1874	10 10 10	1	M M	2. 16½ 2. 33½	44	44
Average	11	3	М	1.831 " "	Average	10	4	M	2.123	44	**
July 1869	11 11	$\frac{1}{2}$	M M	1.83½ · · · · · · · · · · · · · · · · · · ·	Jan. 1875	10 10	1 3	M M	2.00 2.331	66 66	44 66
Average	11	3	M	1.941 " "	Average	10	4	M	2. 25	14	44
Jan. 1870	10 10	2 1	M M	2.00 " " 2.161 " "	July 1875	10 10	1 3	M M	2.00 2.33½	4 t 6 t	44
Average	10	3	М	2.051 "	Average	10	4	М	2. 25	**	64

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS - Continued.

SPLITTERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.
Jan. 1876	10 10	1 3	M M	\$2.00 2.331	per	"	Jan. 1883	10 10 10	1 1 1	M M M	\$2.00 2.16½ 2.33½	per	day.
Average	10	4	М	2, 25	44	**	Average	10	3	M	2. 161	4.6	44
July 1876	10 10	1 3	M	2.00 2.33½	14	44	July 1883	10 10	1	M M	2. 10 ₂ 2. 00 2. 16 ₂	41	44
Average	10	4	M	2. 25	44	44		10	î	M	$2.33\frac{1}{2}$	4.6	61
Jan. 1877	10 10 10	2 1 1	M M M	$ \begin{array}{c c} 2.00 \\ 2.16\frac{1}{2} \\ 2.33\frac{1}{2} \end{array} $	44	66 66	Average Jan. 1884	10 10	3	M M	2. 16½ 2. 00		44
Average	10	4	M	2. 121	14			10 10	1 1	M M	2. 16½ 2. 33½	44	44
July 1877	10 10	1 2	М	2.00 2.161	24	44	Average		3	M	2 161	66	66
Average	10	1	М	2. 33½ 2. 16½	44	66	July 1884	10 10 10	1 1 1	M M M	$ \begin{array}{c c} 2.00 \\ 2.16\frac{1}{2} \\ 2.33\frac{1}{2} \end{array} $	66 61	65 66
Jan. 1878	10	1	м	2.00	44	46	Average	10	3	м	2. 161		4.4
, pan. 1010	10	1	M	$ \begin{array}{c c} 2.16\frac{1}{2} \\ 2.33\frac{1}{2} \end{array} $	44	66	Jan. 1885	10	1 1	M M	2.00 2.16½	**	46
Average	. 10	4	M	2. 161	**	4.6	Average	10	2	м	2.081	4.6	44
July 1878	10 10 10	1 2 1	M M M	$ \begin{array}{c c} 2.00 \\ 2.16\frac{1}{2} \\ 2.33\frac{1}{2} \end{array} $	4 6 6 6	41 44 46	July 1885	10 10	1 1	M	2, 00 2, 16½	11	**
Average	10	4	M	2. 163	64	64	Average	10	2	M	2.081	4.1	44
Jan. 1879	10	1	м	1.83	26	44	Jan. 1886	10.	1	м	2.00	4.6	44
oan. I	10	1 1	M M	2.00 2.33½		**	July 1886 Jan. 1887 July 1887	10 10 10	1 3 3	M M M	2.00 2.00 2.00	61	. 41
Average	10	3	M	2.05	"	64	Jan. 1888	10	- 1	м	1.661	6.6	44
July 1879	10 10 10	1 1 1	M M M	1. 66½ 2. 00 2. 16½	6.4	44	Average	10	3	M	1.89	4.5	**
Average		3	M	1.94		1.6	July 1888	10	1	м	1, 661	66	44
Jan. 1880		1 2	M	1.75 2.16	66	44	Average	10	3	M	1.89		**
Averag		3	M	2. 02	**	66	Jan. 1889	10	1 1	M M	1.66½ 2.00	**	66
July 1880	10 10	1 2	M M	1.75 2.16		41	Average	10	2	M	1.83 <u>1</u>		46
Averag	e 10	3	M	2.021	44	44	July 1889	10	1 1	M	$1.66\frac{1}{2}$ 2.00	16	4.6
Jan. 1881	10 10	1 2	M M	1.75 2.16		44	Average	10	2	M	1.83		44
Averag	e 10	3	M	2.02	"	44	Jan. 1890	10 10	1	M	1. 661 1, 831	"	44
July 1881	10 10	1 2	M M	1.75 2.16	14	66	Average	-	2	M	1.75	41	44
Averag	e 10	3	M	2. 02		4.4	July 1890		2	M	1.83		44
Jan. 1882	10 10		M	1.75 2.16	66	46	Jan, 1891	10 10		M	1.83½ 2.00	11	6.6
-	10			2. 33		4.6		10	. 1		2. 161	-	66
Averag	1	3	- 1	2.08		46	Average		1	M	1.96	44	66
July 1882	10 10			2.00 2.16	46	66	July 1891	10	1	M	1. 83½ 2. 00	4,6	44
	10			2.33	- 14	6.6		10	1	M	2. 16	-	
Averag	e 10	3	М	2. 16	* "		Averag	e 10	4	M	1.96	41	**

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS—Continued. STUFFERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1856	11 11 11	1 3 1	M M M	\$0.83½ per day. 1.00 " " 1.16½ " "	July 1863	11 11 11	1 1 1	M M M	\$1.16½ 1.66½ 2.00	per	day.
Average	11	5	М	1.00 " "	Average	11	3	М	1. C1	64	44
July 1856	11 11 11	1 3 1	M M M	. 83½ " " 1.00 " " 1.16½ " "	Jan. 1864	11 11 11 11	1 1 1	M M M M M	1. 16½ 1. 50 1. 83½ 2. 00	66 66 66	44 46 15
\mathbf{A} verage	11	5	М	1.00 " "	Average	. 11	4	М	1. 62½		"
Jan. 1857	11 11 11,	$\begin{array}{c} 1 \\ 2 \\ 2 \end{array}$	M M	1.00 " " " 1.16½ " "	July 1864	11 11 11	1 1 1	M M M	1. 16½ 1. 66½ 1. 83½	i.	
Average	11	5	M	1.031 " "	A	- 11	1	М	2. 00		44
July 1857	11 11 11	$\begin{smallmatrix}1\\2\\2\\2\end{smallmatrix}$	M M M	1. 00 " " " 1. 16½ " "	Average Jan. 1865	11 11 11	4 1 1	M M	1. 66½ 1. 66½ 2. 00	11 11	44 66
Average	11	5	M	1.031 " "	Awaraga	11	3	<u>м</u>	2 16½ 1.94½	"	11
Jan. 1858	11 11	1 4	M M	1.00 " " 1.16½ " "	Average July 1865	11· 11	1	M M M	1.66½ 2.00	61	46
Average	11	5	M	1.13 " "	À	11	3	м	2. 16½ 1. 94½		44
July 1858	11 11	1 4	M M	1.00 " " 1.16½ " "	Average Jan. 1866	11 11 11	2	M M	1.83½ 2.00	66	44
Average	11	5	M	1. 13 " "	Average	11	3	M	1.89	1 84	**
Jan. 1859 July 1859	11 11	1	M M	1. 16½ " " 1. 16½ " "	July 1866	11	2	M M	1. 831		11
Jan. 1860	11 11	1 1	M	1.00 " " 1.16½ " "	Average	11	3	м	1.89		14
Average	11	2	M	1. 081 " "	Jan. 1867	11	1	M	1.83½ 2.00	14	"
Jul y 1860	11 11	1 1	M M	1.00 " " 1.16½ " "	Average	11	2	M	1. 91½	"	**
Average	11	2	М	1.081 " "	July 1867	11 11	1	M M	1.88½ 2.00	11	1
Jan. 1861	11 11	1 1	M M	1. 00 '' '' 1. 33½ '' ''	Average	11	2	Л	1. 911	4	14
Average	11	2	м	1.161 " "	Jan. 1868	11	1	М	1.83½ 2.00	11	44
July 1861	11 11	1	M M	1.00 " " 1.331 " "	Average	11	1 2	м	1.911	ı t	44
f Average	11	2	Л	1. 161 " "	July 1968.	11	1	М	1.831	66	61 65
Jan. 1862	11 11	1 1	M M	1. 16½ · · · · · · · · · · · · · · · · · · ·	Average	11	1 2	. <u>М</u>	1.911	"	"
Average	11	2	M.	1.331 " "	Jan. 1869	11	1	М	1.661	66	"
July 1862	11 11	1	M M	1. 16½ " " 1. 50 " "		11	1 2	M M	1. 83½ 2. 00		"
Average	11	2	М	1.331 " "	Average	11	4	М	1.87 <u>1</u>	4.8	14
Jan. 1863	11	1	м	1.161 " "	July 1869	11	4	M.	2.00	11	"
	11 11	1 1	M	1.831 " "	Jan. 1870	10 10	3	M M	1.83½ 2,00	"	**
Average	11	3	M	1.551 " "	Average	10	4	М	1.96	44	"

LEATHER: ESTABLISHMENT No. 50, MASSACHUS TTS-Continued.

STUFFERS-Continued.

Payroll of	r day.
Average 10	: 66
Jan. 1871 10 1 M 1.83½ Jan. 1878 10 6 M 1.66½ Average 10 4 M 1.96 Average 10 7 M 1.71½ July 1871 10 1 M 1.66½ July 1878 10 6 M 1.71½ Average 10 4 M 1.96½ Average 10 7 M 1.71½ Average 10 4 M 1.96½ Average 10 7 M 1.71½ Jan. 1872 10 1 M 1.66½ Jan. 1879 10 7 M 1.71½ Average 10 2 M 1.88½ July 1879 10 7 M 1.41½ July 1872 70 1 M 1.66½	: 66
Jan. 1871 10 1 M 1.83½ Average 10 4 M 2.00 Average 10 7 M 1.71½ July 1871 10 1 M 1.66½ July 1878 10 6 M 1.66½ Average 10 4 M 1.91½ Average 10 7 M 1.71½ Jan. 1872 10 1 M 1.66½ July 1879 10 7 M 1.58½ July 1872 70 1 M 1.66½ July 1879 10 7 M 1.41½ July 1872 70 1 M 1.66½ July 1879 10 7 M 1.51½ July 1873 10 1 M 1.66½ July 1880 10 7 M 1.50 <td></td>	
Average 10 4 8M 1.96 4 M 1.96 4 M 1.96 4 M 1.96 4 M 1.66 4 M 1.66 4 M 1.66 4 M 1.06 1 M 2.00 4 M 1.91 4 M 1.91 4 M 1.06 1 M 2.00 4 M 1.91 4 M 1.91 4 M 1.91 4 M 1.91 4 M 1.91 4 Average 10 7 M 1.71 M 2.00 4 M 1.91 4 M 1.66 4 M 1.66 4 M 1.66 4 M 1.66 4 M 1.66 4 M 1.66 4 M 1.66 4 M 1.66 4 M 1.66 4 M 1.50 4 Average 10 8	
July 1871 10	
Average 10	
Jan. 1872 10 1 M 1.66½ " Jan. 1879 10 7 M 1.58½ " Average 10 1 M 2.06 " Average 10 1 M 1.67 " July 1872 70 1 M 1.66½ " July 1879 10 7 M 1.41½ " Average 10 2 M 1.83½ " Average 10 8 M 1.50 " Jan. 1873 10 1 M 1.66½ " Jan. 1880 10 7 M 1.50 " Average 10 3 M 1.89 " July 1880 10 7 M 1.50 " July 1873 10 1 M 1.83½ " July 1880 10 7 M 1.50 M 2.16½ M 2.16½ M 2.16½ M 2.16½ <th< td=""><td></td></th<>	
Average 10 2 M 1.83½ " " July 1879 10 7 M 1.41½ " Average 10 8 M 1.50 " Average 10 3 M 1.89 " " July 1880 10 7 M 1.50 " Average 10 3 M 1.94½ " " Average 10 8 M 1.58½ " " Average 10 3 M 1.94½ " " Jan. 1881 10 7 M 1.58½ " " Average 10 3 M 1.94½ " " Jan. 1881 10 7 M 1.58½ " " Average 10 3 M 1.94½ " " Jan. 1881 10 7 M 1.58½ " " Average 10 3 M 1.94½ " " Jan. 1881 10 7 M 1.58½ " " Average 10 3 M 1.94½ " " Jan. 1881 10 7 M 1.58½ " " Average 10 8 M 1.58½ " " Average 10 8 M 1.58½ " " Average 10 8 M 1.58½ " " Average 10 8 M 1.58½ " " Average 10 8 M 1.58½ " " Average 10 8 M 1.58½ " " Average 10 8 M 1.58½ " " Average 10 8 M 1.58½ " " Average 10 8 M 1.58½ " " Average 10 8 M 1.58½ " " Average 10 8 M 1.58½ " " Average 10 8 M 1.58½ " " Average 10 8 M 1.58½ " " Average 10 8 M 1.58½ " " Average 10 8 M 1.66½ " " July 1881 10 7 M 1.50 " " July 1881 10 1 M 1.66½ " " Average 10 8 M 1.66½ " " Average 10 8 M 1.66½ " " Average 10 8 M 1.66½ " " Jan. 1882 10 6 M 1.66½ " " Average 10 8 M 1.66½ " " Average 10 8 M 1.66½ " " Jan. 1882 10 6 M 1.66½ " " July 1885 10 1 M 1.66½ " " Average 10 8 M 1.66½ " " " Average 10 8 M 1.66½ " " " Average 10 8 M 1.66½ " " " Average 10 8 M 1.66½ " " "	
July 1872 ro 10 1 M 2.06 mm M 1.66 mm 1 mm July 1879 nm 10 mm 7 mm 1.4 mm 1.4 mm 2.08 mm 1.50 mm 1 mm 2.08 mm 1.50 mm 1 mm 1.4 mm 1.50 mm 1 mm 1.50 mm	
Average 10 2 M 1.83½ " " Average 10 8 M 1.50 " M 2.16½ " " Average 10 3 M 1.89 " " July 1873 10 1 M 1.83½ " " Average 10 3 M 1.94½ " " Average 10 8 M 1.58½ " " Average 10 3 M 1.96 " " July 1873 10 1 M 1.83½ " " Average 10 8 M 1.58½ " " Average 10 8 M 1.66½ " " July 1875 10 1 M 1.83½ " " Average 10 8 M 1.66½ " " " Average 10 8 M 1.66½ " " " Average 10 8 M 1.66½ " " " Average 10 8 M 1.66½ " " " Average 10 8 M 1.66½ " " " Average 10 8 M 1.66½ " " " Average 10 8 M 1.66½ " " " Average 10 8 M 1.66½ " " " Average 10 8 M 1.66½ " " " Average 10 8 M 1.66½ " " " Average 10 8 M 1.66½ " " " Average 10 8 M 1.66½ " " " Average 10 8 M 1.66½ " " " Average 10 8 M 1.66½ " " " Average 10 8 M 1.66½ " " " Ave	
Average 10 2 M 1.832 " Jan. 1880 10 7 M 1.50 " Average 10 2 M 2.00 " Average 10 8 M 1.50 " Average 10 3 M 1.89 " July 1880 10 7 M 1.50 " July 1873 10 1 M 1.83½ " Log Average 10 8 M 1.50 " Average 10 3 M 1.94½ " Jan. 1881 10 7 M 1.50 " Jan. 1874 10 1 M 1.83½ " Average 10 8 M 1.50 " Average 10 4 M 1.96 " July 1881 10 7 M 1.50 " Average 10 4 M 1.96 "	44
Average 10 3 M 1.89 " " July 1890 10 7 M 1.58 1	
Average 10 1 M 1.59 July 1873 10 1 M 1.83½ " Average 10 7 M 1.50 " Average 10 3 M 1.9½ " Average 10 8 M 1.58½ " Jan. 1874 10 1 M 1.83½ " Average 10 8 M 1.50 " Average 10 4 M 1.96 " Average 10 8 M 1.50 " Average 10 4 M 1.96 " Average 10 8 M 1.50 " Average 10 4 M 1.96 " Average 10 8 M 1.50 " Average 10 4 M 1.96 " Average 10 8 M 1.66½ " Jan. 1875	6 66
Average 10 3 M 1.94½ " " Jan. 1874 10 1 M 1.83½ " " Average 10 4 M 1.96 " " July 1874 10 1 M 1.83½ " " Average 10 4 M 1.96 " " Average 10 4 M 1.96 " " July 1874 10 1 M 1.83½ " " Average 10 4 M 1.96 " " July 1874 10 1 M 1.83½ " " Average 10 4 M 1.96 " " July 1881 10 7 M 1.50 " Average 10 8 M 1.58½ " Average 10 8 M 1.58½ " July 1881 10 7 M 1.50 " Average 10 8 M 1.58½ " Average 10 8 M 1.58½ " Average 10 8 M 1.58½ " Average 10 8 M 1.58½ " Jan. 1882 10 6 M 1.50 " Jan. 1882 10 6 M 1.50 " Jan. 1882 10 6 M 1.50 " Jan. 1882 10 6 M 1.50 " Jan. 1882 10 6 M 1.66½ " Jan. 1882 10 6 M 1.66½ " Jan. 1882 10 6 M 1.66½ " Jan. 1882 10 6 M 1.66½ " Average 10 8 M 1.66½ " " Average 10 8 M 1.66½ " " Average 10 8 M 1.66½ " " Average 10 8 M 1.66½ " " Average 10 8 M 1.66½ " " Average 10 8 M 1.66½ " " Average 10 8 M 1.66½ " " Average 10 8 M 1.66½ " " Average 10 8 M 1.66½ " " Average 10 8 M 1.66½ " " Average 10 8 M 1.66½ " " Average 10 8 M 1.66½ " " Average 10 8 M 1.66½ " " Average 10 8 M 1.66½ " " Average 10 8 M 1.66½ " " Average 10 8 M 1.66½ " " Average 10 8 M 1.66½ " "	
Average 10 3 M 1.94½ " " " " " " " " " " " " " " " " " " "	
Jan. 1874 10 1 M 1.83½ " Average 10 1 M 2.16½ Average 10 4 M 1.96 " Average 10 8 M 1.58½ July 1874 10 1 M 1.83½ " " July 1881 10 7 M 1.50 " Average 10 4 M 1.96 " Average 10 8 M 1.58½ " Jan. 1875 10 1 M 1.50 " Jan. 1882 10 6 M 1.50 " Average 10 2 M 1.66½ " Average 10 8 M 1.50 " Average 10 4 M 1.66½ " Average 10 8 M 1.60½ M July 1875 10 1 M 1.50 " July 1882 10	
Average 10 4 M 1.96 " " July 1881 10 7 M 1.56 10 1 M 2.16½ " Average 10 8 M 1.58½ " " Average 10 8 M 1.58½ " " Average 10 8 M 1.58½ " " Average 10 1 M 1.50 " " July 1881 10 1 M 1.50 " " Average 10 8 M 1.50 " " Jan. 1882 10 6 M 1.50 " " Jan. 1882 10 1 M 1.66½ " " Jan. 1882 10 1 M 1.66½ " " Average 10 8 M 1.66½ " " Average 10 8 M 1.66½ " " July 1875 10 1 M 1.66½ " " July 1882 10 1 M 1.66½ " " July 1875 10 1 M 1.66½ " " July 1882 10 1 M 1.66½ " " July 1882 10 1 M 1.66½ " " Average 10 8 M 1.66½ " " July 1882 10 1 M 1.66½ " July 1882 10 1 M 1.66½ " " July 1882 10 1 M 1.66½ " " July 1882	
July 1874 10 1 M 1.83½ " " July 1881 10 1 M 2.16½ Average 10 4 M 1.96 " Average 10 8 M 1.58½ Jan. 1875 10 1 M 1.50 " " Jan. 1882 10 6 M 1.50 " July 1875 10 1 M 1.83½ " " Average 10 8 M 1.66½ " July 1875 10 1 M 1.50 " " July 1882 10 8 M 1.66½ " July 1875 10 1 M 1.50 " " July 1882 10 8 M 1.66½ " July 1875 10 1 M 1.50½ " " July 1882 10 8 M 1.66½ " " July 1882 10	
Average 10 4 M 1.96 " " Jan. 1882 10 6 M 1.50 1 M 1.66½ " " July 1875 10 1 M 1.50 " " July 1875 10 2 M 1.66½ " " July 1875 10 2 M 1.66½ " " July 1875 10 1 M 1.66½ " " July 1875 10 2 M 1.66½ " " July 1875 10 2 M 1.66½ " " July 1875 10 2 M 1.66½ " " July 1875 10 2 M 1.66½ " " July 1875 10 2 M 1.66½ " " July 1882 10 8 M 1.66½ " July 1882 10 8 M 1.	
Jan. 1875 10 1 M 1.50 " Jan. 1882 10 6 M 1.50 " Average 10 2 M 1.66 $\frac{1}{2}$ " Average 10 1 M 2.16 $\frac{1}{2}$ " Average 10 4 M 1.66 $\frac{1}{2}$ " Average 10 8 M 1.60 $\frac{1}{2}$ " July 1875 10 1 M 1.50 " " July 1882 10 8 M 1.50 " 10 2 M 1.66 $\frac{1}{2}$ " " July 1882 10 8 M 1.66 $\frac{1}{2}$ " Average 10 8 M 1.66 $\frac{1}{2}$ " Average 10 8 M 1.66 $\frac{1}{2}$	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	
10 2 M 1.661 " " 10 1 M 2.162 " Average 10 8 M 1.602 "	6.6
Average 10 8 M 1.002	
A Verage 10 1 4 M 1.005	44
Jan. 1883 10 7 M 1.50 1 1 M 1.664 1	6 66
	4 44
July 1876 10 5 M 1.50 " " July 1883 10 7 M 1.50 " M 2.163 " "	16 66 16 66
Average 10 6 M 1.61 " "	4 44
Jan. 1877 10 5 M 1.50 " " Average 10 5 M 1.50 "	16 44
10 1 M 2. 102 10 2 M 1. 661	16 44
	16 66

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS-Continued.

STUFFERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of 1	wages.	Payroll of	Hours per day.	Different employés.		Rate	of	wages.
July 1884	10	1	м	\$1.33 \	ner	dav.	July 1888	10	2	М	\$1.50	ner	dav.
oury roor	10	6	M	1.50	Pict	11	0 473 7000	10	$\frac{2}{1}$	M	1.831	Per	uay.
	10	1	M	1.664	8.6	11	1	10	1	М	2.16	44	6.6
	10	ī	M	2, 161	1.6	6.6	li			<u> </u>	W. 100		
							Average	10	4	М	1.75	"	16
Average	10	- 9	M	1.57%	4.6	4.4		ļ					
9.				_			Jan. 1889	10	1	М	1.50	"	64
Jan. 1885	10	1	M	1.50	6.6	41	[]	10	1	M	1.663	**	44
July 1885	10	1	M	1.50	6.6	11							
Jan. 1886	10	1	M	1.50	6.5	**	Average	10	, 2	M	1.58½	* *	**
July 1886	10	1	M	1.661	4.6	4.4			_		l		
		_	3.5	4 50	4.6	16	July 1889	10	_ 1	M	1.50	66	44
Jan. 1887	10	3	M	1.50	66	44	Ì	10	1	M	1.661	61	4.6
	10 10	, 1	Ж	1.83	4.6	44	A	10	2	M	1.501	4.6	44
i	10	1	777	2.16			Average	10	2	IVI	1.58½	•••	
Average	10	5	M	1.70	4.6	44	Jan. 1890	10	1	M	1.50	66	66
Avorago	10		1	1.10			J 441. 1030	10	1	M	1.66%	64	44
July 1887	10	3	М	1.50	6.6	4.6				ш	1.000		
o my 1001	10	ĭ	M	1.831	4.6	44	Average	10	2	М	1.583		44
	10	ī	M	2.16	6.6	4.6	0,0,0		•	_	2,000		
-				- 20			July 1890	10	1	M	1.50	66	46
Average	10	5	м	1.70	6.6	44		10	1	M	1.664	6.6	46
Jan. 1888	10	2	M	1.50	+ 6	4.6	Average	10	2	M	1,582	1.1	46
	10	1	M	$1.83\frac{1}{2}$	46	64					_		
-	10	1	71	$2.16\frac{1}{2}$	11	**	Jan. 1891	10	2	M	1.663	6.6	**
. '							July 1891	10	2	М	1.66	11	**
Average	10	4	M	1.75	64	44							

TABLE HANDS.

				-						
Jan. 1856	11 11	1 1	M M	. 83½ per day.	July 1861	11 11	2	M M	1.00 1.33½	per day.
Average	11	2	M	. 911 ** **	Average	11	3	M	1.11	
July 1856	11 11	1	M M	1.00 " "	Jan. 1862	11 11 11	1 1 1	M M M	1. 16½ 1. 33½ 1. 50	66 66 66 66
Average	11	2	М	. 911 '' ''	A Transacti	11	3		1.331	18, 14
Jan. 1857 July 1857	11 11	2 2	M M	.831 " "	Average July 1862	11	2	м	1. 331	16 16
Jan. 1858 July 1858	11 11	2 2	M M	1. 16½ " "		11	1	M	1.50	44
Jan. 1859	11	1	м	1.16% " "	Average	11	3	M	1.39	46 46
	11	1	M	1. 33 46 66	Jan. 1863	11 11	1	M M	1.33½ 1.50	66 66
Average	11	2	M	1. 25 " "		11	î	M	1. 661	46 66
July 1859	11 11	1 1	M M	1. 161 ** ** 1. 331 ** **	Average	11	3	M	1.50	- 44
Average	11	2	М	1. 25 ** **	July 1863	11 11	1 1	M M M	1, 33½ 1, 50	16 66
Jan. 1860	11 11	2 1	M	1.00 " " 1.163 " "	Average	<u>11</u>	3		1.83½	16 66
Average	11	3		1.051 ** **	"		_		- 2	16 68
		, ,		_	Jan. 1864	11 11	1 1 1	M	1.33½ 1.50	11 11
July 1860	11 11	$\frac{2}{1}$	M M	1. 161 " "				М	1.831	
Average	11	3	м	1.051 "	Average	11	3	M	1. 55 \frac{1}{2}	46 48
Jan. 1861	11	2 1	М	1.00 44 44	July 1864	11 11	1	M	1. 33½ 1. 50	14 14
	11		— M	1.004		11	1		1.831	44 44
Average	11	В	M.	1.11 " "	Average	11	8	M	1.55	66 65

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS—Continued.

TABLE HANDS-Continued.

Payroll of—	Bours per day.	Different employés.	Sex.	Rate	of w	rages.	Payroll	Hours per day.	Different employés.	Sex.	Rate	of ·	wages.
Jan. 1865	11 11 11	1 1 2	M M M	\$1.33½ 1.66½ 1.83½	per	day.	July 1877	10 10	1 4	M	\$1.50 1.66½	per	day.
Average	11	4	<u>M</u>	1.661	t t	11	Average	10	5	М	1.63		6.6
July 1865	11 -11 11	1 1 1	M M M	1.50 1.601 1.831	6 E 6 E	16	Jan. 1878	10 10 10	1 1 4	M M M	$1.33\frac{1}{2}$ $1.58\frac{1}{2}$ $1.66\frac{1}{2}$	44	6 6 6 6
	11	1	M	2.00	44	44	Average	10	6	M	1.59½	6.6	46
Average Jan. 1866 July 1866	11 11 11	2 2	M M M	1.75 1.661 1.662	66 16	44	July 1878	10 10 10	1 1 4	M M M	1. 33½ 1. 58½ 1. 66½	44	6 6 6 8
Jan. 1867 July 1867	11 11	1 1	M	1, 83½ 1, 83½	11	4.6	Average	10	6	M	1. 59	6.6	66
Jan. 1870 July 1870	10	1	M M	1.50° 1.50°	11	"	Jan. 1879	10 10	1 1	M	1. 334	"	44
Jan. 1871	10 10	1 1	M	1. 66½ 2. 00	66	14		10	3 1	M	1.58½ 1.66½	46	44
Average	10	2	M	1.831	14	66	Average	10	,6	M	1.53	16	44
July 1871	10 10	1	M	1.664 2.00	"	44	July 1879	10 10 10	1 4 1	M M M	1. 33½ 1. 41½ 1. 50	11	66
Average	10	2	M	1.831	44	44	Average	10	. 6	M	1. 414	44	44
Jan. 1872	10 10	1	M M	1. 66± 2. 00	46	66	Jan. 1880	10	1 4	M M	1. 33½ 1. 50	66	£ £ £ £ £
Average	10	2	M	1.83	44	44	<u> </u>	10	1	_Л	1.831	,	
July 1872	. 10 . 10	1	M	1. 66½ 2. 00	46	44	Average July 1880	10	5	M	1.53	44	44 ,
Average	10	2	M	1.831	**	**		10	1	M	1.831		
Jan. 1873	10 10	1 1	M	1. 66½ 1. 83½	44	44	Average Jan. 1881	10.	6	M	1. 55 1		"
A verage	10	2	М	1.75	64	66		10	. 5	M	1.50		
July 1873	10 10	1	M M	1.66½ 1.83½	66	46 /	Average July 1881	10	6	M	1. 47½ 1. 33½		44
Average	10	2	M	1.75	46	44		10	5	М	1.50		-
Jan. 1874	10 10	1 1	M M	1.661 1.831	44	44	Average Jan. 1882	10	· 6	M	1. 47½ 1. 50		**
Average	10	2	M	1.75	**	44	July 1882	10	4	м	1.50	61	44
July 1874	10 10	I 1	M M	1.66½ 1.83½	66	44	Average	10	5	M	2.00		
Average	10	2	M	1, 75	"	46 .	Jan. 1883	10	4	м	1.50	**	**
Jan. 1875 July 1875	10 10	2 2	M M	1.66½ 1.66½	44	"	Average	10	2	M	2.00	"	46
Jan. 1876	10 10 10	1 2 2	M M M	1. 33½ 1. 50 1. 66½	4.6 6.6	11 11	July 1883	10 10	4 2	M	1.50 2.00	44	"
Average		5	M	1. 531	44	44	Average	10	6	M	1.661	11	46
July 1876	10 10	3 2	M M	1.50 1.66½	"	44	Jan. 1884	10	1 1	M	1.50 2.00	44	6.6 6.6
Average		5	M	1.56%	44	44	Average	10	2	M	1.75	"	6.5
Jan. 1877	10 10	2	M M	1.50 1.66½	"	44	July 1884	10 10	1 1	M M	1.50 2.00	6 t	66
Average		5	м	1.60	4.6	44	Average	10	2	М	1.75	"	**

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS—Continued.

TABLE HANDS---Concluded.

Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of w	rages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of ·	wages.
Jan. 1886 July 1886	10 10	1	M M	\$1.50 1.66½	per	day.	July 1888	10 10	2 1	M M	\$1/50 2.00	per	day.
Jan. 1887	10 10	1 1	M	1.66½ 2.00	**	44	Average	10	3	М	1.661		"
Average	10	2	M	1.831	"		Jan. 1889 July 1889 Jan. 1890	10 10 10	2 2 1	M M M	1.50 1.50 1.50	16 15	66 66
July 1887	10 10	1	M M	1.66½ 2.00	"	11	July 1890 Jan. 1891	10	1 4	M M	1.50 1.50	et.	"
Average	10	2	M	1.831	46	**	Average	10	1	M	1.661	11	"
Jan. 1888	10 10	2 1	M M	1.50 2.00	41		July 1891		5 4 1	M M M	1. 53 ¹ / ₁ 1. 50 1. 66 ¹ / ₁	11	44
Average	10	3	М	1. 66	"	44	Average	10	5		1. 531	"	16

WHITENERS.

-											
Jan. 1856 July 1856 Jan. 1857 July 1857 Jan. 1858	11	1 1 1 1 1 1	M M M M	1. 16½ " " 1. 16½ " "	Jan. 1863	11 11 11 11	1 1 1 1 3	M	1. 16½ 1. 66½ 1. 83½ 1. 55⅓		"
J uly 1858	11	1	M		1		,	DI	1.001	**	,,
Jan. 1859	11 11 11	1 2 1	M M M	1. 16	July 1863	11 11 11	1 1 1	M M M	1. 16½ 1. 83½ 2. 00	11	14 46
Average	11	4	M	1. 161 " "	Average	11	- 3	M	1.661	44	41
July 1859	11 11	1 2	MM	1.00 " "	Jan. 1864	11 11	1 1	M M	1. 83½ 2. 00	11	"
	ii	ĩ	M	1. 331 " "	Average	11	2	M	1. 911	44	**
Average	1	4	M	1. 16½ " "	July 1864	11 11	1 1	M M	2.00 2.16½	"	**
Jan. 1860	11 11 11	$\frac{1}{2}$	M M M	1.00 " " 1.16½ " "	Average	11	. 2	М	2.081	"	"
Average	11	5	М	1.031 " "	Jan. 1865	11 11 11	1 1 1	M M M	1.66½ 2.00 2:16½	66	11 11
July 1860	11 11 11	1 2 2	M M M	1. 00 " " 1. 164 " "	Average	11	3	М	1. 941	44	"
Average	11	5	M	1.031	July 1865	11 11 11	1 1 1	M M M	$ \begin{array}{c c} 1.66\frac{1}{2} \\ 2.00 \\ 2.16\frac{1}{2} \end{array} $	66 66	16
Jan. 1861	11 11 11	3 1 1	M M M	1.00 " " 1.33½ " " 1.50 " "	Average	11	3	M	1.941	"	**
Average	11	5	M	1.161 " "	Jan. 1866	11 11	1 1	M M	1, 66½ 2, 00	64	46
July 1861	11	3 2	M	1.00 44 44	Average	11	2	M	1.831	tš	16
Average	11	5	M	1. 20 " "	July 1866	11 11	1 1	M M	1, 661 1, 831	66 66	46
Jan 1862	11 11 11	1	M M	1. 163 44 44 1. 50 44 44	Average	. 11	2	М	1.75	**	44
Average	11		M M	1. 861 " " "	Jan. 1867	11 11	1 1	M M	$1,66\frac{1}{3}$ $1.83\frac{1}{3}$	66	46
uly 1862	11		м .	1. 161 4- 11	Average	11	2	м	1.75	41	44
Average	11 11	1 1	M	1, 83 4 44	July 1867	11 11	1 1	M M	1. 66½ 1. 83½	"	44 64
 P ot	41 /	4 1	at 1	L. 451 ** **	Average.	11	2	м	1. 75	14	44

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS—Continued.

WHITENERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of	wage	s.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of w	ages.
Jan. 1868 July 1868	11 11	2 2	M M	\$1.66½ pe	r day.		Jan. 1876- conc'd.	10 10	1 1	M M	\$2.00 2.16½	per	day.
Jan. 1869	11 11	2 1	M M	1.00%			Average	10.	. 4	м	1.831	44	11
Average	11	3	м	1.771		-	July 1876	10 10	1	M M	1.50 1.66½	44 64 64	64 66
July 1869	11 11	2 1	M		t 65			10	. 1	M	2. 00 2. 16½	44	66
Average	11	3	М	1.771	. 44		Average	10	4	M	1.831	**	4.6
Jan. 1870	10 10	1 2°	M		16 14 16 16		Jan. 1877	10. 10	1 1	M M	1.50 1.66½	11	66
Average	10	3	M	1, 09	16 16			10	1	M	2. 00 2. 16½	6.6	4.6
July 1870	10 10	1 2	M	1 1.008			Average	10	4 2	M M	1.83	11	44
Average	10	3.	M	1.08	14 66		July 1877	10	1 1	M M	1.66½ 2.00 2.16½	44	66
Jan. 1871	10 10	2	M	2.00			Average		4	M	1.871	4.6	66
Average	10	3	M	2. 051			Jan. 1878	10 10	3 1	M M	1.66½ 2.00	"	16 /
July 1871	10 10	2	M	Z. UU	}		Awaraga	10	5	M	2. 16½ 1. 83	11	**
Average	10	3	M	2.003			Average July 1878	10)	3	M	1.66½	44	11
Jan. 1872	10 10	2 1	M M	1 4.00	44 44			10 10	1 1	M M	$\begin{bmatrix} 2.00 \\ 2.08 \frac{1}{2} \end{bmatrix}$	41	11
Average	10	3	М	2. 00 1			Average	1	5	M	1. 811	4.6	**
July 1872	10 10	2 1	M M		46 44		Jan. 1879	10° 10° 10.	1 2 3	M M M	1, 50 1, 58½ 1, 66½	**	66
Average	10	3	M	2.009	14 44			10	1	M	2.081	11	66
Jan. 1873	10 10	2 1	M	1 2.00	46 44		Average July 1879	10	7 3	M	1. 68 1. 41 ¹ / ₂		46
Average	10	3	М	2.051	14 44		0 413 1010	10	1 1	M M	1.50 1.58½		44
July 1873	10 10	2	M	2. VU	cc 68			10 10	1	M	$1.66\frac{1}{2}$ $1.91\frac{1}{2}$	14	46
Average	10	3	M	2.051	16 44		Average	10	7	M	1.56	1.6	**
Jan. 1874	10 10	2	M		11 16		Jan. 1880	10 10 10	1 3 1	M M M	1. 41½ 1. 50 1. 58₺	44	66
Average	10	3	M	2. 05½	66 66			10	1 1	M M	1.66½ 1.91½	64	16
July 1874	10 10	2	M	1 2.00	11 14 11 11		4	10	8	M	2.00° 1.63½	44	44
Average	10	3	М	$2.05\frac{1}{2}$	** **		July 1880	1	1	M	1. 411	6 6	44
Jan. 1875	. 10 10	1 2	M	$1.66\frac{1}{2}$ $2.16\frac{1}{2}$	84 . EE		J	10 10 10	3 1 1	M M M	1.50° 1.58½ 1.66½	66	46 46
Average	10	3	M	2.00	66 46			10	1 1	M	$1.91\frac{1}{2}$ 2.00	66	46
J uly 1875	10 10	1 2		$\frac{1.66\frac{1}{2}}{2.16\frac{1}{2}}$	44 44		Average		8	M	1.631	11	11
Average	10	, 3	M	2. 00	**		Jan. 188	10	1 3	M	1. 41½ 1. 50	44	46
Jan. 1876	10 10	1	M M	1.50 1.66½	66 4 6			10 10	1	M	$1.58\frac{1}{3}$	4.5	44

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

LEATHER: ESTABLISHMENT No. 50, MASSACHUSETTS-Concluded.

WHITENERS-Concluded.

Payroll of	Bours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of v	wages.
Jan. 1881- cone'd.	10 10	1 1	M Y	\$1. 91½ 2. 00	per	day.	Jan. 1885 July 1885 Jan. 1886	10 10 10	1 1 2	M M M	\$1.664 1.664 1.664	Per	day.
Average	10	8	M	1.631			July 1886	10	.4 1	м	1.661		66
July 1881	10 10	1 3	M	1. 41½ 1. 50	11	44	July 1660	10	1	M	1.83		**
*	10 10	1	M	1.58½ 1.66¾	4.6	**	Average	10	2	M	1.75	66	44
	10	1	M	1. 91 2	64	66	Jan. 1887	10	6	м	1.663	- 14	"
		i	ļ		44	64	Jan. 1001	10	4	M	$1.83\frac{1}{2}$		"
Average		8	M	1.63½	4.	44	Average	10	10	M	1. 73		44
Jan. 1882	10 10	1 8	M	1.41½ 1.50	1.1	41	July 1887	10	6	M	1, 661		
	10 10	1 1	M	1, 58½ 1, 66½	"	**	V 11.5 1001	10	4	M	1.83		44
	10 10	1	M	$1.91\frac{1}{2}$ 2.00	44	66	Average	10	10	м	1. 731	"	14
Average	10	В	М	1.631	11	44	Jan. 1888	10 10	4 2	M M	1. 661 1. 831		£ £
$\mathbf{July}\ 1882$	10 10	4	M	1.50 1.581	44	8 E	Average	10	6		1.72		16
	10 10	i	M	1.66%	11	66	ax orași	10					
	10	1	M	$1.91\frac{7}{2}$ 2.00	4.1	44	July 1888	* 10 * 10	4 2	M M	1. 661 1. 831		**
Average	10	8	М	1.641	t.r	66	Average	10	6	M	1.72	"	**
Jan. 1883	10 10	1 4	M	1. 47½ 1. 50	46	44	Jan. 1889	10	2	м	1.50	66	44
	10 10	1 2	M	1.581	11	44		10	4	М	1. 661	"	**
	10	2	M	2.00	4.6	44	Average	10	6	M	1.61	11	4.4
Average	10	10	M	1,64	t r		July 1889	10 10	2 4	M	1.50 1.66	11	££
$\mathbf{July}\ 1883$	10 10	1 3	M	1. 16½ 1. 50	11	44	1 2020 00	-	6	M	1.61		11
	10	1	M	1.581	46	46	Average				1		"
	10 10	3 2	M	1. 66½ 2. 00	64	16	Jan. 1890	10 10	2	M	1.50 1.66	* "	44
Average	10	10	Т	1. 62	6.4	4.6	Average	10	6	M	1.61	"	66
Jan. 1884	10°	4	M	1.50 1.58½	46	66	July 1890	10	2	м	1.50		"
	10	2	M	1.66		44		10	4	M	1.66		
	10 10	2	M M	1, 83½ 2, 00	41	44	Average	10	6	M	1.61	46	14
Average	10	10	м	1. 67	"	44	Jan. 1891	10 10	2 5	M M	1.50 1.66	 L	66
Jul y 1884	10 10	4	M M	1.50	66	66	Average		7	М	1. 62		££
	10	2	M	1. 581		44	_					66	11
	10 10	1 2	M	1.83½ 2.00	11	1 4 1 4	July 1891	10 10	2 5	М	1. 50 1. 66		"
Average	10	10	M	1.67	"	44	Average	10	7	M	1.62	- "	££

LEATHER: ESTABLISHMENT No. 51, MASSACHUSETTS. BARK GRINDERS.

Jan. 1857 July 1857 Jan. 1858 July 1858 Jan. 1859 July 1859	11 11 11 11 11 11	2 7 2 7 2 7 2 7 2 7 2 7 2 7 2 7 2 7 2 7	1 1.00 " " " " T	Jan. 1860 July 1860 Jan. 1861 July 1861 Jan. 1862 July 1862	11 2 11 2 10 2 10 2 10 2 10 2 10 2	M M M M M	1.50 per day. 1.50 "" 1.66½ "" 1.66½ "" 1.66½ "" 1.66½ ""
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LEATHER: ESTABLISHMENT No. 51, MASSACHUSETTS—Continued.

BARK GRINDERS-Continued.

						11				1		
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	rages.
Jan. 1863 July 1863	10 10	2 2	M M M	2.00	per day.	July 1876	10 10	1 2	M M	\$1.33½ 1.50	per	day.
Jan. 1864 July 1864	10 10	2	M	2. 16½ 2. 16½ 2. 16½ 2. 16½	16 66	Average	10	3	M	$1.44\frac{1}{2}$	16	44
July 1865 Jan. 1866	10 10 10	2 2 2 2	M M M M	$ \begin{array}{c c} 2.16\frac{1}{2} \\ 2.16\frac{1}{2} \\ 2.16\frac{1}{2} \end{array} $	66 66 66 66	Jan. 1877 July 1877	10 10	2 2	M M	1.50 1.50	66	"
July 1866 Jan. 1867	10 10 10	1 1	M M	2.00 2.16	66 61	Jan. 1878	10 10	1 1	M M	1.50 1.66½	44	68
		2	M			Average	10	2	M	1.58½	6.6	44
Average July 1867	10	2	М	2.083	41 44	July 1878	10 10	1 1	M M	1.50 1.66½	44	44
Jan. 1868 July 1868	10 10	2 2	M	2.00	16 16	A.verage	10	2	M	1. 581	66	44
Jan. 1869 July 1869	10 10	2 2	M	2.00 2.00	11 11	Jan. 1879	10 10	1	M M	1.16½ 1.50	44	44
Jan. 1870	-10 10	1	M	1.66½ 2.00	14 14	Average	10	2	M	1.331	44	44
Average	-10	2	M	1.831	** **	July 1879	10 10	1 1	M M	1. 33½ 1. 50	**	44
July 1870	10 10	1 I	M M	1.66½ 2.00	66 66	Average		2	м	1.411	"	44
Average	10	2	М	1.831	46 16	Jan. 1880	10	1	M M	1. 331 1. 661	6.6 6.6	66
- Jan. 1871	10 10	1 3	M M	1.66½ 1.83½	16 41	Average		2	M	1,50	**	66
Average	10	4	м	1. 79 1	44 46	July 1880	10 10	1	M	1. 33½ 1. 66½	14	66
July 1871	10	1 3	M	1. 66½ 1. 83½	44 44	Average		2	м	1.50	11	46
Average		4	M	1. 791		Jan. 1881	10 10	1 1	M M	1. 33½ 1. 50	46	44
Jan. 1872	10	1 3	M M	1. 661 1. 831	16 16	Average		- 2	M	1. 411	44	66
Average	10	4	м	1.791		July 1881	10 10	1 1	M M	1.33½ 1.50	64	44
July 1872	10	1	м	1.661		Average		2	M	1.411	41	**
Average	10	3	M	1.831		Jan. 1882 July 1882	10 10	2 2	M M	1. 33½ 1. 33½	41	66
Jan. 1873	-10	4	M	1.83	11 🛖 11	Jan. 1883	1	1 2	MM	1.331 1.50	44	44
July 1873	10	4	M	1.83			10	8	M	1.66	+1	4.6
Jan. 1874	10	2	M	1. 66½ 1. 83½		Average		6	M	1.55		
Average	10	4	М	1.75		July 1883	10 10 10	1 2 3	M M M	1.33½ 1.50 1.66½	4.6	(E E E
July 1874	_10	4	М	1.50	11 11	Average	-	6	M	1.55		16
Jan. 1875	10 10	1 3	M M	1.33½ 1.50	44 44	Jan. 1884	10	. 5	M M	1.50	41	44
Average	10	4	M	1.46		Average	10 10	6	M	1.661		44
July 1875	10 10	2 2	M M	1. 33½ 1. 50		July 1884	1	3 3	M	1.50 1.66 <u>1</u>	44	44
Average	10	4	м	1. 411	45 46	Averag		-	M	1.58		£ £
Jan. 1876	10 10	1 2	M M	1. 33½ 1. 50	46 66	Jan. 1885	10 10	5 1	M	1,50 1,661	**	44
_ Average		9, pt. 2		1. 44½ -61	64 66	Averag	10	6	М	1.52	* "	44

LEATHER: ESTABLISHMENT No. 51, MASSACHUSETTS-Continued.

BARK GRINDERS-Concluded.

Payroll of -	Hours per day.	Different employes	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wa	ges.
July 1885	10 10	3	M M	\$1,50 per day.	July 1888	10 10	17	M M	\$1.33 ₁ 1.50	per da	ay.
Average	10	В	M	1.581 " "	Average	10	8	M	1.48	et t	4
Jan. 1886	10 10	3 2	M M	1. 66½ " " 1. 83½ " "	Jan. 1889	10 10	1 7	M M	1. 23½ 1. 50		
	10	2	М.	2.00 " "	Average	10	8	M	1.48		4
Average	10	7	M	1.81 ""	July 1889	10 10.	1 7	M M	1.33½ 1.50	66 A	
July 1886	10 10 10	3 2 2	M M M	1. 66½ " " " 1. 83½ " " " 2. 00" " "	Average	10	8 -	М	1.48	rt i	•
Average	10	7	м	1.81 " "	Jan. 1890	10 10 10	1 6 1	M M M	1.33½ 1.50 1.66½	46 6	
Jan. 1887	10 10	6	M	1.33½ " " " 1.50 " " " 1.66½ " " "	Average	10	8	M	1.50		ı
Average	10	1 8	М	1.66½ " "	July 1890	10 10	3 5	M M	1, 50 1, 66½	12 E	
July 1887	10	,	3.5	1.331 ' " "	Average	10	8	м	1.601	16 6	ı
9 mly 1001	10 10 10	1 6 1	M M M	1.50 " " 1.66½ " "	Jan. 1891	10 10	B 5	<u>М</u> М.	1, 50 1, 66½	44 4	
Average	10	8	м	1.50 " "	Average	10	8	М	1.60	44 4	£
Jan. 1888	10 10	1 7	M M	1.33½ " " 1.50 " "	July 1891	10 10	- 3 - 5	М М	1.50 1.66½	46 6	
Average	10	. 8	M	1.48 " "	Average	10	8	М.	1. 60½	11 1	

BEAMSTERS.

Jan. 1857 July 1857	11 11	5 5	M M	1.00 per day.	July 1863	10 10	1 4	M M	1, 831 2, 162	per	day.
Jan. 1858	11 11	4	M M	1. 16 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Average	10	5	М	2. 10	"	64
Average	11	5	M	1.033 " "	Jan. 1864 July 1864	10 10	4 4	M M	2. 16½ 2. 16½	6.6	66 66
July 1858	11 11	4	M M	1.00 " " 1.16½ " "	Jan. 1865 July 1865 Jan. 1866	10 10 10	4 4 4	M M M	$ \begin{array}{c c} 2.16\frac{1}{2} \\ 2.16\frac{1}{2} \\ 2.16\frac{1}{2} \end{array} $	11	46 46
Average	11	5	M	1.031	July 1866 Jan. 1867	10 10	4 4	M	2, 16 ¹ / ₃ 2, 00	44	46
Jan. 1859 July 1859 Jan. 1860 July 1860	11 11 11 11	5 5 5 5	M M M M	1.33½ " " 1.33½ " " 1.50 " " 1.50 " "	July 1867 Jan. 1868 July 1868 Jan. 1869	10 10 10 10	4 4 4	M M M M	2. 00 2. 00 2. 00 2. 00	44	66 66
Jan. 1861 July 1861	10 10	5 5	M M	1.663 " "	July 1869	10 10	, 1 4	M M	1.83½ 2.00	44	44
Jan. 1862	10 10	1 4	M M	1.661 ** ** 2.00 ** **	Average		5	м	1. 961	46	£4
Average	10	5	м	1.931 " "	Jan. 1870	10 10	1 9	M	1.50 1.831	46	46
July 1862	10 10	1 4	M M	1.66½ " " 2.00 " "		10	2	.—	2,00	**	"
Average	10	5	M	1.931 " "	Average	10	12	М	1.831	44	44
Jan. 1863	10 10	1 4	M	1.831 " " 2.161 " "	July 1870	10 10 10	1 9 2	M M M	1. 66½ 1. 83½ 2. 00	44 44	66 66
Average	10	5	M	2.10 " "	Average	10	12	M	1, 85	14	64

LEATHER: ESTABLISHMENT No. 51, MASSACHUSETTS—Continued.

BEAMSTERS-Continued.

Payroll of -	Hours per day.	Different employés.	Sex.	Rate of	wa	ges.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate o	of w	ages.
Jan. 1871	10 10	4 8	M M	\$1.66½ pe 1.83½	r d	ay.	Jan. 1879	10 10 10	2 2 1	M M M	\$1.16½ 1 1.33½ 2.00	er (day.
Average	10	12	M	1.78 "			•		5	M	1.40	46	11
July 1871	10 10	4 8	M M	1. 66½ " 1. 83½ "		14	Average July 1879	10	4	м	1.331	41	"
Average	10	12	M	1.78 "		"		10	1	M	2.00	4.6	**
Jan. 1872	10 10	3 9	M M	1.66½ 1.83½ 1		66	Average	10	5 ′ 3	M	1. 47 1. 33½	44	**
Average	10	12	M	1.791	4	"	Jan. 1880	10	1	M	1.50	44	11
July 1872	10 10	3 9	M M				Average	10	. 1	М	1.50	44	44
Average	10	12	М	1.79	4	• •	July 1880	10	2	M	1.334	11	"
Jan. 1873 July 1873	10 10	12 12	M M	1.00%		**	**	10 10 10	1 1 1	M M M	1.50 1.66½ 2.00	4.6	46
Jan. 1874	10 10	11	M M	1 1.00%			Average		5	М	1.561	66	11
Average	10	12	M	1,68	ı	44	Jan.\1881	10 10	1 4	M	1. 16½ 1. 33½	44	11
July 1874	10 10	1 11	M M	1. 33½ ' 1. 50 '		"		10 10	2	M	1.50 1.66½	66	66
Average	10	12	м	1.481	6	"	A.verage	10	8	M	1.391	"	"
Jan. 1875	10 10	2 10	M M	1.331 '		44	July 1881	10 10 10	1 4 2	M M M	1. 16½ 1. 33½ 1. 50	66	44
Average	10	12	м	1. 471	4			10	1	M	1.661	66	44
July 1875	10	9	м	1.002			Average	İ	8	M	1. 391	44	16
Average	10	12	M	1. 30		44	Jan. 1882	10 10 10	1 3 2	M M M	1. 16½ 1. 33½ 1. 50	64	44
Jan. 1876	10 10	10	M M	1 T. 008		41	Average	10	7	M	1. 66½ 1. 40½	"	44
Average	10	11		1.35			July 1882	10	1	M	1. 161	11	44
July 1876		10	M M	1.007	44	66		10 10 10	3 2 1	M M M	1. 33½ 1. 50 1. 66½	44	44
Average	e 10	11	М	1.35	4.6	"	Average	10	7	M	1. 401	14	**
Jan. 1877	1	2 2 1	M M M	1.50	6 6 6 6	66 46	Jan. 1883	10 10 10	1 2 3		1. 33½ 1. 50 1. 66½	4 £	"
Averag		5	M		4.6		Average		6	М	1.55{	44	44
July 1877		1	M M	1.331	66	"	July 1883		1 2	M	1.33½ 1.50	64 64	66 66
	10		M	1.831	6.6	4.6		10	. 3		1.661		"
Averag	e 10	5	М	1.50	44	4.6	Average		6		1.551	44	44
Jan. 1878	10 10 10	3	M M M	1.50	66	4 E	Jan. 1884	10 10 10	1 2 2	i M	1.33½ 1.50 1.66½	14	**
Averag	e 10	5	М	1.53½	44	**	Average	10	. 5	м	1.531	4.6	44
July 1878	1	3	M	1.50	"	"	July 1884	10 10 10		. M	1.33½ 1.50 1.66½	66 66	6 5 6 5 6 4
Averag	-		_		66	65	Average	e 10	5	M	1. 56	11	**

LEATHER: ESTABLISHMENT No. 51, MASSACHUSETTS—Continued.

BEAMSTERS-Concluded.

Payroll of —	Hours per day.	Different employés.	Sex.	Rate	of v	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages
Jan. 1885	10 10 10	2 1 4	M M M	\$1.33½ 1.50 1.66½	per	day.	Jan. 1888	10 10	3 10	M M	\$1.331 1.50	per	day.
							Average	10	13	M	1.46	61	14
Average	10	7	М	1.541	**	**	July 1888	10	3	M	1. 331	66	46
July 1885	10	2	М	1. 331	6.6	**		10	10	M	1.50	1.4	44
_	10 10	1 4	M. M.	1.50	44	£ £	Average	10	13	M	1.46	44	66
Average	10	7	м	1.541	46	44	Jan. 1889	10 10	7 7	M M	1. 33½ 1. 50	46	64 66
Jan. 1886	10	1	M.	1.161	44	14	Average	10	14	M	1.411	"	44 -
	10 10	7	M	1. 66 3	44	66	July 1889	10	6	M	1.331		44
1	10	Ž	M	2.00	4.4	66	3 4.5	10	ā	M	1.50	44	1.4
Average	10	11	M.	1.691	4.6	44	Average	10	14	M	1.43	44	
							Jan. 1890	10	4	м	1. 33½	41	46
July 1886	10 10	1 7	M	1. 16½ 1. 66½	64	44	!	10	6	M	1. 50	11	4.6
	10	1	M	1.831	6.6	6.6	Average	10	10	M	1.431	64	e6
	10	2	M	2.00	4.1	1.6	July 1890	10	1	M	1.331	4.6	15
Average	10	11	M	1.693	11	44	3 dly 1030	10	5	M	1.50	**	44
								10	4	M	1.66½	44	46
Jan. 1887	10	1	\mathbf{M}	1.164	"	44	Average	10	10	м	1.55	44	66
	10 10	2 11	M	$1.33\frac{7}{2}$ 1.50	6.6	44	Jan. 1891	10	6	м	1.50	66	66
							0 an. 1001	10	4	M	1.66	**	44
Average	10	14	M	1.45₺	**	64	Average	10	10	M	1.561	44	64
July 1887	10	3	м	1.331	4.6	44	1		6	M	1.50		46
o my 1001	10	ııı	M	1.50	66	44	July 1891	10 10	4	M	1.661	16	16
Average	10	14	м	1. 461	14	44	Average	10	10	M	1.561	66	45

LEACH TENDERS.

					·						
Jan. 1857 July 1857 Jan. 1858	11 11 11	1 1	M M M	1. 16½ per day.	Jan. 1870	10 10	1	M M	1.66½ 2.00	per	day.
July 1858 Jan. 1859	11	1 1	M M	1. 16½ " " 1. 16½ " " 1. 33½ " "	Averáge	10	2	M	1.831	44	14
July 1859 Jan. 1860 July 1860	11 11 11	1	M M M	1.33½ " " 1.50 " " 1.50 " "	July 1870	10 10	1	M M	1.83½ 2.00	66 61	44
Jan. 1861 July 1861	10 10	1 1	M	1.50 " "	Average	10	2	M	1.911		44
Jan. 1862 July 1862 Jan. 1863	10 10 10	1 1 1	M M M	1.83½ " " 1.83½ " " 2.00 " "	Jan. 1871	10 10	2 1	M M	1, 83½ 2, 33½	64	44
July 1863 Jan. 1864 July 1864	10 10 10	1 2 2	M M M	2.00 " " 2.16½ " " 2.16¼ " "	Average	10	3	M	2.00	44	44
Jan. 1865 July 1865	10 10	2 2 2	M	2. 16½ " " 2. 16½ " "	July 1871	10 10	2	M M	1.83½ 2.33½	11	46
Jan. 1866	10 10	1	M M	2.00 " " 2.164 " "	Average	10	3	М	2.00	"	"
Average	10	2	М	2. 081 " "	Jan. 1872	10 10	2	M M	$1.83\frac{1}{2}$ $2.33\frac{1}{2}$	44	44
July 1866 Jan. 1867 July 1867	10 10 10	2 2 2	M M M	2.00 " " " 2.00 " "	Average	10	3	м	2.00	44	į i
Jan. 1868 July 1868	10 10	2	M M	2.00 " "	July 1872	10 10	2 1	M M	$1.83\frac{1}{2}$ $2.33\frac{1}{2}$	"	£4 88
Jan. 1869 July 1869	10 10	2 2	M M	2.00 " "	Ayerage	10	3	M	2.00	4.6	46

LEATHER: ESTABLISHMENT No. 51, MASSACHUSETTS—Continued.

LEACH TENDERS ... Continued.

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Payroli of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	oť n	uges.	
Jan. 1873 July 1873	10 10	3 3	M M	\$1.83½	per	day.	Jan. 1881	10 ¹ - 10 10	2 1 1	M M M	\$1.50 1.66± 1.83±	per	day.	_
Jan. 1874	10 10	2	M M	1.66½ 2.00	14	44	Average	10	. 4	м	1.62	6.6	**	
Average	10	3	M	1.775	4.4	44	July 1881	, 10 10	2 1	M M	1.50 1.66½	"	6.6	
July 1874	10 10	1	M M	1.50 1.663		**		10	1	<u>M</u>	1.83		"	
A verage	10	હ	М	1.55 <u>\$</u>	**	**	Average Jan. 1882	10.	4	M	1. 62½ 1. 50	"	46	
Jan. 1875	10 10 10	1 1 1	M M M	1.33½ 1.50 1.83½	11	**		10;	1	M	1. 66½ 1. 83½		44	
- Average	10	3	M	1.55½	41	**	Average	10.	4	*M	1.625		44	
July 1875	10 10	2 1	M	$\begin{vmatrix} 1.33\frac{1}{2} \\ 1.83\frac{1}{2} \end{vmatrix}$	11		July 1882	10 10 10	1 1	M M M	1.50 1.66½ 1.83½	"	46	
Average	10	3	M	1.50	1 6	**	Average	10	4	M	1.621	**	66	
Jan. 1876	10	1 2	M M	1.50 1.83½	14	44	Jan. 1883	10	1 3	M M	1.33½ 1.50		61	
Average		3	M	1.721	44	"	Average	10	_ 4	M	1.46		"	
July 1876	10	1 2	M	1. 661 1. 831	44	"	July 1883	10 10°	1 3	M	1.33½ 1.50	4.4	**	
Average	10	3	M	1.78	**	44	Average	10	4	M	1, 46	6.6	44	
Jan. 1877	- 10 10	1 3	M M	$1.33\frac{1}{2}$ 1.50	. * *	**	Jan. 1884	10	1	M	1.331	6 6 6 6	**	
Average	10	4	М	1.46	4.6	**	Average	10	1 4	M	1.831	4.		
July 1877	10 10	1 3	M M	1.33½ 1.50	44	66	July 1884	10	2	M	1.334	4.	"	
Average	10	4	M	1.46	44	44		10 10	1	M	1. 60§ 1. 83§	* *		
Jan. 1878	10 10	1 3	M M	1. 33½ 1. 50	44	11	Average	10	4	M	1. 541	66	"	
Average	10	4	М	1.46	4.6	**	Jan. 1885	10. 10- 10°	. 1	M M M	1.33½ 1.66½ 1.83½	44	"	
July 1878	. 10 . 10	1 3	M M	1. 33½ 1. 50	4.6	44	Average	- :	4	M	$1.54\frac{1}{2}$	**	44	
Average	10	4	M	1.46	4.4		July 1885	10 10	2	M M	1.333 1.665	66	44	
Jan. 1879	10	2	M	$1.16\frac{1}{2}$ $1.33\frac{1}{2}$	11	44		10	1	M	$1.83\frac{1}{2}$		44	
A vone m	10	1	M	1.50	64	44	Average	i .	4	M	1.541		41	
Average July 1879	10	4	M	1. 29 1. 161		44	Jan. 1886	10°. 10° 10	$\begin{bmatrix} & 1 \\ 2 \\ 1 \end{bmatrix}$	M M M	1. 661 1. 831 2. 00	**	66	
	10	2	M	$1.33\frac{1}{2}$ 1.50	6 & 6 &	46	Average		4	M	1.83	**	4.4	
Average	10	4	М	1.331	**	44	July 1886	10	1	м	1, 66 1		44	
Jan. 1380	10 10	3 1	M M	1.33½ 1.50	46	64 46		10 10	2	M	$1.83\frac{1}{2}$ 2.00		44	
Average	10	4	M	1. 37½	44	44	Average	10	4	M	1, 831	66	44	
July 1880	10 10 10	2 1 1	M M M	1. 33½ 1. 50 1. 66½	44 44	66 66	Jan. 1887	10 10 10	1 2 1	M M M	$ \begin{array}{c c} 1.33\frac{1}{2} \\ 1.50 \\ 1.66\frac{1}{2} \end{array} $	6.6 6.6	46 46	
Average	10	T	м	1.46	**	44	Average	10	4	M	1.50	46	**	

LEATHER: ESTABLISHMENT No. 51, MASSACHUSETTS—Continued.

LEACH TENDERS-Concluded.

Payroll	Hours per	Different employés.		Rate of wages.	Payroll of-	Hours per	Different employés.	Sex.	Rate	of v	VAONE
of_	day.	emproyes.			01-	day.	omproyes.			,	. we co
July 1887	10	1	М	\$1.33½ per day.	July 1889	10	2	М	\$1.50	per	day.
-	10 10	2 1	M M	1.50 " "	conc'd.	10	1	M	2.00	- 14	66
	10	1	NI.	1.661 " "	Average	10	5	М	1.531	66	66
Average	10	4	M	1.50 " "					1.005		
	,				Jan. 1890	10	2	M	1. 331	14	** _
Jan. 1888	10	1	M	1.331 " "		10 10	2	М	1.50	4.6	66
oan. xooo	10	2	M	1. 50 " "		10	1	M	2.00	64	44
	10	1	M	1.664 " "	Average	10	5	м	1.53%	66	66
	10	1	M	2.00 " "	i -		,		1.002		*
A	10	5	M	1.60 " "	July 1890	10	1 °	М	1.331	* *	65
Average	10	9	TAT	1,00		10	3	M	1.50		44
		_	3.5	1 221 11 11		10	1	М	2.00	11	
July 1888	10 10	1 2	M	1.331 " "	Average	10	5	M	1 501		44
	10	* 1	M	1.664 " "	Average	10	3	101	1.56		
	10	1	M	2.00 " "	Jan. 1891	10	3	М	1.331		4.6
	i				•	10	2	M	1.50	44	54
Average	10	5	M	1.60 " "		10	1	М	2.00	44	44
				1 221 16 16		70		7.5			
Jan: 1889	10	1	M	1.008	Average	10	6	M	1.50	**	**
	10 10	• 1	M	1.50	July 1891	10	3	М	1.331	14	44
	10	1	WI	2.00	July 1031	10	2	M	1.50	44	44
Average	10	5	М	1.563 "		10	ĩ	М	2,00	66	£L.
	i	_		1 -							
July 1889	10	2	M	1.331 . " "	-Average	10	6	M	1.50	44	44
		l				<u> </u>			l		

LIMERS.

Jan. 1857 11										•			
July 1857	Ton 1857	11	1	м	1 00 por	don	July 1979	. 10	1	м	1 661	nor	don
Jan. 1858 11											1 661	her	uay
July 1858	Jan 1858					66						46	14
Jan. 1859 11 1 M 1.50 " July 1874 10 1 M 1.662 " Jan. 1875 10 1 M 1.562 " Jan. 1875 10 1 M 1.50 " Jan. 1875 10 1 M 1.50 " Jan. 1875 10 1 M 1.50 " Jan. 1876 10 1 M 1.50 " July 1870 10 1 M 1.50 " July 1870 10 1 M 1.50 " July 1870 10 1 M 1.50 " July 1870 10 1 M 1.50 " July 1870 10 1 M 1.50 " July 1870 10 1 M 1.50 " July 1870 10 1 M 1.50 " July 1870 10 1 M 1.50 " July 1870 10 1 M 1.50 " July 1870 10 1 M 1.50 " July 1870 10 1 M 1.50 " July 1870 10 1						64						64	44
July 1859						4.6						66	44
Jan. 1860						4.4						"	4.6
July 1860 11 1 M 1.50 " Jan. 1876 10 1 M 1.50 " Jan. 1876 10 1 M 1.50 " July 1876 10 1 M 1.50 " July 1871 10 1 M 1.50 " July 1871 10 1 M 1.50 " July 1871 10 1 M 1.50 " July 1871 10 1 M 1.50 " July 1872 10 1 M 1.50 " July 1872 10 1 M 1.50 " July 1877 10 1 M 1.50 " July 1877 10 1 M 1.50 " July 1877 10 1 M 1.50 " July 1877 10 1 M 1.56 " July 1877 10 1 M 1.56 " July 1878 10 1 M 1.66 " July 18						44						6.6	6.6
Jan. 1861 10 1 M 1.66½ " July 1876 10 1 M 1.50 " Jan. 1877 10 1 M 1.50 " Jan. 1877 10 1 M 1.50 " Jan. 1877 10 1 M 1.50 " Jan. 1878 10 1 M 1.50 " " Jan. 1877 10 1 M 1.50 " " July 1877 10 1 M 1.50 " " July 1877 10 1 M 1.50 " " July 1883 10 1 M 1.66½ " July 1877 10 1 M 1.66½ " July 1878 10 1 M 1.66½ " July 1879 10 1 M 1.66½ " July 1879 10 1 M 1.66½ " July 1879 10 1 M 1.66½ " July 1879 10 1 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>14</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>16</td> <td>1.5</td>						14						16	1.5
July 1861 10						14						6.6	4.6
Jan. 1862 10 1 M 1.66½ " July 1877 10 1 M 1.66½ " July 1877 10 1 M 1.50 " July 1878 10 1 M 1.66½ " July 1878 10 1 M 1.66½ " July 1878 10 1 M 1.66½ " July 1879 10 1 M 1.66½ " July 1879 10 1 M 1.66½ " July 1879 10 1 M 1.66½ " July 1870 10 1 M 1.66½ " July 1870 10 1 M 1.66½ " July 1870 10 1 M 1.66½ " July 1880 10 1 M 1.66½ " July 1880 10 1 M 1.66½ " July 1880 10 1 M 1.66½ " July 1881 10 1 M 1.50 "				M		4.6				M	1.50	6.6	6.6
July 1862 10	Jan. 1862					44				M	1.50	4.6	14
Jan. 1863 10 1 M 2.00 " July 1878 10 1 M 2.00 " July 1878 10 1 M 1.66½ " Jan. 1879 10 1 M 1.66½ " Jan. 1879 10 1 M 1.66½ " Jan. 1879 10 1 M 1.66½ " Jan. 1880 10 1 M 1.66½ " Jan. 1880 10 1 M 1.66½ " Jan. 1880 10 1 M 1.66½ " Jan. 1880 10 1 M 1.66½ " Jan. 1880 10 1 M 1.66½ " Jan. 1881 10 1 M 1.66½ " Jan. 1881 10 1 M 1.50 " " Jan. 1882 10 1 M 1.50 " Jan. 1882 10 1 M 2.00 " Jan. 1882 10 1 M 1.50 <						66			1	M	1.661	66	64
July 1868 10 1 M 2.00 " Jan. 1879 10 1 M 1.66½ " July 1879 10 1 M 1.66½ " July 1879 10 1 M 1.66½ " July 1879 10 1 M 1.66½ " July 1879 10 1 M 1.66½ " July 1880 10 1 M 1.66½ " July 1880 10 1 M 1.66½ " July 1880 10 1 M 1.66½ " July 1880 10 1 M 1.66½ " July 1880 10 1 M 1.66½ " July 1881 10 1 M 1.50 " M 1.50 " July 1881 10 1 M 1.50 " July 1882 10 1 M 1.50 " Jan. 1868 10 1 M 2.00 " Jan. 1883 10 <		10		M	2.00 "	44		10	1	M	1.66%	6.6	4.4
Jan. 1864 10				M		4.4		10		M	1.66	**	66
July 1864 10 1 M 2. 16½ " Jan. 1880 10 1 M 1. 66½ " July 1880 10 1 M 1. 66½ " July 1880 10 1 M 1. 66½ " July 1880 10 1 M 1. 66½ " July 1880 10 1 M 1. 66½ " July 1881 10 1 M 1. 50 " " July 1881 10 1 M 1. 50 " " July 1881 10 1 M 1. 50 " " July 1881 10 1 M 1. 50 " " July 1881 10 1 M 1. 50 " " July 1882 10 1 M 1. 50 " " July 1882 10 1 M 1. 50 " July 1883 10 1 M 1. 33½ " " July 1883 10 1 M 1. 66½	Jan. 1864	10	1	\mathbf{M}	2.161 "	4.6	July 1879	10	1	M	1.663	6.6	
Jan. 1865 10 1 M 2. 16½ " July 1880 10 1 M 1. 66½ " July 1880 10 1 M 1. 66½ " Jan. 1881 10 1 M 1. 66½ " Jan. 1881 10 1 M 1. 50 " July 1881 10 1 M 1. 50 " July 1887 10 1 M 1. 50 " July 1887 10 1 M 1. 50 " July 1887 10 1 M 1. 50 " July 1887 10 1 M 1. 50 " July 1883 10 1 M 1. 50 " July 1883 10 1 M 1. 50 " July 1883 10 1 M 1. 50 " July 1883 10 1 M 1. 33½ " July 1883 10 1 M 1. 66½ " " July 1883 10 1 M 1. 56½ </td <td></td> <td>10</td> <td>1</td> <td>\mathbf{M}</td> <td></td> <td>44</td> <td></td> <td>10</td> <td>1</td> <td>M</td> <td>1.66%</td> <td></td> <td></td>		10	1	\mathbf{M}		44		10	1	M	1.66%		
July 1865 10	Jan. 1865	10				6.6			1	M	1.66%		
Jan. 1866 10 1 M 2. 16½ " July 1881 10 1 M 1. 50 " July 1866 10 1 M 2. 16½ " July 1882 10 1 M 1. 50 " July 1867 10 1 M 2. 00 " July 1883 10 1 M 1. 50 " July 1883 10 1 M 1. 50 " July 1883 10 1 M 1. 50 " July 1883 10 1 M 1. 33½ " " July 1883 10 1 M 1. 33½ " " July 1883 10 1 M 1. 66½ " " Average 10 2 M 1. 50 " " Jan. 1870 10 1 M 1. 66½ " July 1883 10 1 M 1. 66½ " July 1870 10 1 M 1. 66½ " <t< td=""><td></td><td>10</td><td>1</td><td>M</td><td>2.16</td><td>4.6</td><td></td><td>10</td><td>1</td><td></td><td>1.50</td><td></td><td></td></t<>		10	1	M	2.16	4.6		10	1		1.50		
July 1866 10		10	1	M	2.16 "	4.6	July 1881	10	1	M	1.50		
Jan. 1867 10 1 M 2.00 " July 1882 10 1 M 1.50 " Jan. 1865 10 1 M 2.00 " Jan. 1883 10 1 M 1.33½ " Indicated and property of the property of t	July 1866	10	1	\mathbf{M}		4.6	Jan. 1882	10	1				
July 1867 10 1 M 2.00 " Jan. 1883 10 1 M 1.33½ " Jan. 1883 10 1 M 1.33½ " " Jan. 1883 10 1 M 1.33½ " " Jan. 1883 10 1 M 1.66½ " " Average 10 2 M 1.50 " " Average 10 2 M 1.50 " " Average 10 1 M 1.66½ " " Average 10 2 M 1.53½ " Average 10 2 M 1.50 " Average 10 2 M 1.50 " Average 10 2 M 1.50 " Average 10 2 M 1.50 " Average 10 2 M 1.50 " Average 10 2 M 1.50 " Average 10		10	1	\mathbf{M}	2.00 "	4.6	July 1882	10	1	M	1.50	46	16
Jan. 1868 10	July 1867	10	1	\mathbf{M}	2.00	4.6							
Jan. 1870 10			1	\mathbf{M}			Jan. 1883	10					
July 1869 10 1 M 2.00 " Average 10 2 M 1.50 " Jan. 1870 10 1 M 1.66½ " July 1883 10 1 M 1.83½ " Average 10 2 M 1.75 " Average 10 2 M 1.50 " July 1870 10 1 M 1.66½ " " Jan. 1884 10 2 M 1.33½ " Average 10 2 M 1.75 " Jan. 1884 10 2 M 1.33½ " Jan. 1871 10 1 M 1.66½ " Jan. 1885 10 1 M 1.16½ " July 1871 10 1 M 1.66½ " " Jan. 1885 10 1 M 1.33½ "	July 1868	10			2.00	4.4		10	1	M	1.66	4.6	"
Jan. 1870 10	Jan. 1869	10	1	\mathbf{M}	2.00 . "	4.6							
Average 10 2 M 1.89\frac{1}{2} " " Average 10 2 M 1.66\frac{1}{2} " " Average 10 2 M 1.50 " " Average 10 2 M 1.50 " " Average 10 2 M 1.50 " " Average 10 2 M 1.33\frac{1}{2} " " Jan. 1884 10 2 M 1.33\frac{1}{2} " " Jan. 1881 10 2 M 1.16\frac{1}{2} " Jan. 1885 10 1 M 1.16\frac{1}{2} " Jan. 1885 10 2 M 1.33\frac{1}{2} " Jan. 1885 10 2 M 1.33\frac{1}{2} " Jan. 1885 10 2 M 1.33\frac{1}{2} " Jan. 1885 10 2 M 1.33\frac{1}{2} " Jan. 1885 10 2 M 1.33\frac{1}{2} " Jan. 1885 10 2 M 1.33\frac{1}{2} " Jan. 1885 10 2 M 1.33\frac{1}{2} " Jan. 1885 10 2 M 1.33\frac{1}{2} " Jan. 1885 10 2 M 1.33\frac{1}{2} " " Jan. 1885 10 2 M 1.33\frac{1}{2} " " Jan. 1885 10 2 M 1.33\frac{1}{2} " " Jan. 1885 10 2 M 1.33\frac{1}{2} " " Jan. 1885 10 2 M 1.33\frac{1}{2} " " Jan. 1885 10 2 M 1.33\frac{1}{2} " " Jan. 1885 10 2 M 1.33\frac{1}{2} " " Jan. 1885 10 2 M 1.33\frac{1}{2} " " Jan. 1885 10 2 M 1.33\frac{1}{2} " " Jan. 1885 10 2 M 1.33\frac{1}{2} " " Jan. 1885 10 2 M 1.33\frac{1}{2} " " Jan. 1885 10 2 M 1.33\frac{1}{2} " " Jan. 1885 10 2 M 1.33\frac{1}{2} " " Jan. 1885 10 2 M 1.33\frac{1}{2} " " Jan. 1885 10 2 M 1.33\frac{1}{2} " " Jan. 1885 10 2 M 1.33\frac{1}{2} " " Jan. 1885 " Jan. 1885 " Jan. 1885 " Jan. 1885 " Jan. 1885 " Jan. 1885 " Jan. 1885 " Jan. 1885	July 1869	10	1	M	2.00	14	Average	10	2	M	1.50	44	**
Average 10 2 M 1.75 " " Average 10 2 M 1.50 " " July 1870 10 1 M 1.66½ " " Jan. 1884 10 2 M 1.33½ " " Average 10 2 M 1.75 " " Jan. 1884 10 2 M 1.33½ " " Jan. 1871 10 1 M 1.66½ " " Jan. 1885 10 1 M 1.16½ " " Jan. 1871 10 1 M 1.66½ " "	Jan. 1870	10	1	M	1.661 "		T1-1000	10		3.0	1 001	**	11
Average 10 2 M 1.75 " Average 10 2 M 1.50 " July 1870 10 1 M 1.66½ " Jan. 1884 10 2 M 1.33½ " Average 10 2 M 1.75 " Jan. 1884 10 2 M 1.33½ " Jan. 1871 10 1 M 1.66½ " Jan. 1885 10 1 M 1.16½ " July 1871 10 1 M 1.66½ " " 10 2 M 1.33½ "		10	1	M	1.835 "	4.6	9 mry 1009					44	4 6
July 1870 10 1 M 1.66½ " " Jan. 1884 10 2 M 1.33½ " Jan. 1884 10 2 M 1.33½ " " Average 10 2 M 1.75 " July 1884 10 2 M 1.33½ " Jan. 1871 10 1 M 1.66½ " " July 1871 10 1 M 1.66½ " July 1871 10 1 M 1.33½ "								10		141	1.009		
July 1870 10 1 M 1.66½ " " Jan. 1884 10 2 M 1.33½ " " Average 10 2 M 1.75 " " Jan. 1884 10 2 M 1.33½ " " Jan. 1871 10 1 M 1.66½ " " Jan. 1885 10 1 M 1.16½ " " July 1871 10 1 M 1.66½ " " 10 2 M 1.33½ "	Average	10	2	\mathbf{M}	1.75 "	44	Average	10	9	M	1.50	44	44
Average 10 2 M 1.83\frac{1}{2} \cdots \cd	T1 1000	10	, ;	3.6	1 000 14			~*	_	_			
Average 10 2 M 1.75 " " July 1884 10 2 M 1.33½ " " Jan. 1871 10 1 M 1.66½ " " Jan. 1885 10 1 M 1.33½ " " July 1871 10 1 M 1.66¼ " " Jan. 1885 10 2 M 1.33½ " "	9 mth 1940						T 1004	10		36	1 991	66	65
Average 10 2 M 1.75 " " Jan. 1885 10 1 M 1.66 " " Jan. 1887 10 2 M 1.33 " " Jan. 1871 10 1 M 1.66 " " " Jan. 1885 10 2 M 1.33 " " " " " " " " " " " " " " " " " "		10	1	IVI	1.835	••						4.6	44
Jan. 1871 10 1 M 1.66\frac{1}{2} \cdots \c	A' TTOTO OO	10	- 0	3/4	2.75 44	44	July 1884	10	, z	JAL	, 1.00g		
Jan. 1871 10 1 M 1.66 "" " July 1871 10 1 M 1.66 "" " July 1871 10 1 M 1.66 "" "	Average	7. 10	4	281	1.70		T 1005	10	,	3/	1 161	6.6	44
July 1871 10 1 M 1.666 " "	Top 1971	10	1	м	1 881 11		9 au. 1969					11	44
0 di 3 10 1 1 M 1.000					1 1.002			10		, ALL	1.009		
il worded at 1 m in the					1.000		Averege	10	9	M	1.28	44	68
		10	4 1		[1. 00¶		lı = veruğel	10		1	1		

LEATHER: ESTABLISHMENT No. 51, MASSACHUSETTS—Continued.

LIMERS—Concluded.

Payroll of—	Hours per day.	Different employes.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.		Rate	of v	vages.
July 1885	10 10	1 2	M M	\$1.16\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	per	day.	Jan. 1888	10 10	1 2	M M	\$1.33½ 1.50	per	day.
Average	10	3	M	1.39	* *	44	Average	10	. 3	M	1.441	46	44
Jan. 1886	10 10	1 2	М М	1.33½ 1.50	44	44	July 1888	10 10	1 2	M M	1.33½ 1.50	44	66 66
Average	10	3	M	1.441	**	44	Average	10	3	M	1, 441/2	11	46
July 1886	10 10	1 2	M M	1. 33½ 1. 50	"	46	Jan. 1889	10 10	1 2	M M	1.33½ 1.50	44	**
Average	10	3	M	1.441	**	441.	Average	10	3	M	1.441	4.6	6.6
Jan. 1887	10 10	. 1	M M	1. 331 1. 50	**	44	July 1889	10 10	1 2	M M	1.33½ 1.50	4.6	46
Average	10	3	м	1.445	44	44	Average	10	3	М	1.441	1 64	6.6
July 1887	10 10	1 2	M M	1.33 <u>1</u> 1.50	44	64 64	Jan. 1890 July 1890 Jan. 1891	10 10 10	3 3	M M M	1.50 1.50 1.50	11	64 66
Average	10	3	М	1.44	"	**	July 1891	10	3	M	1.50	**	14

SHAVERS.

112														
Jan. 1857 July 1857 Jan. 1858 July 1858 July 1858 July 1859 July 1860 July 1860 Jan. 1861 July 1863 Jan. 1864 July 1863 July 1863 July 1864 July 1865 July 1865 July 1865 July 1866	11 11 11 11 11 11 11 10 10 10 10 10 10 1	2 2 2 2 2 2 2 2 2 2 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M M M M M M M M	2. 16½ 2. 16½ 2. 16½ 2. 16½ 2. 16½ 2. 50 2. 50 2. 50 2. 50 2. 50 2. 50 3. 00 3	DET	day.	Jan. 1872 July 1872 Jan. 1873 July 1873 July 1873 Jan. 1874 Jan. 1875 July 1875 July 1876 July 1876 Jan. 1877 July 1877 July 1878 July 1878 July 1878 July 1880 July 1880 July 1880	10 10 10 10 10 10 10 10 10 10 10 10 10 1		333333333333444444444444444444444444444	M M M M M M M M M M M M M M M M M M M	3. 00 3. 00	per : : : : : : : : : : : : : : : : : : :	day.
Jan. 1869 July 1869 Jan. 1870	10 10 10 10	1 1 3	M M M M	$ \begin{array}{c c} 2.66\frac{1}{2} \\ 2.66\frac{1}{2} \\ 2.83\frac{1}{2} \end{array} $	44	46	July 1881 Jan. 1882 July 1882 Jan. 1883	10 10 10 10		00 00 00 00 00 00 00 00 00 00 00 00 00	M M M	2. 83½ 2. 83½ 2. 83½ 2. 83½	16 16 16	16- 16- 65- 86-
Average	10	4	м	2.791	66	44	July 1883 Jan. 1884	10 10	,	2	M M M	2, 83 ½ 2, 83 ½ 2, 83 ½	44	44
July 1870	10 10	1 3	M M	2. 66½ 2. 83½	44	66	July 1884 Jan. 1885 July 1885 Jan. 1886	10 10 10 10	÷	2 2 2 2 2	M M M M	2.83½ 2.83½ 2.66½ 2.66½	66 64 64	46
Ave rage	1.0	4	M.	2.79₺	44	44	July 1886	10	,	2		1 -		
Jan. 1871	10 10	· 2	M M	$2.66\frac{1}{2}$ $2.83\frac{1}{2}$	66	66	Jan. 1887	10 10		1	M	2.661 2.831	11	44
Average	Î0	3	М	2.72	4.6	**	Average	10		2	M	2.75	44	44
J uly 1 871	10 10	2 1	M M	$\frac{2.66\frac{1}{2}}{2.83\frac{1}{2}}$	11	44	July 1887	10 10		1	M	2. 661 2. 83½	66	44
Average	10	3	M	2.72	14	**	Average	10		2	M	2.75	44	14

LEATHER: ESTABLISHMENT No. 51, MASSACHUSETTS—Continued.

SHAVERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1888	10 10	1	M M	\$2,66½ per day. 2,83½ "" "	Jan. 1889 July 1889 Jan. 1890	10 10 10	2 2 2	M M M	\$2.83\frac{1}{2} per day.
Average	10	2	М	2.75 " "	July 1890 Jan. 1891	10	2 2 2 2	M	2.831 " "
July 1888	10 10	1 1	M M	2. 66½ " " 2. 83½ " "	July 1891	10	2	М	2.83
Average	10	2	M	2.75 " "					

YARD HANDS.

							10						
Jan. 1857 July 1857	11 11	11 11	M	1.00 1.00	-66	day.	Jan. 1867	10 10	5 2	M M	2.00 2.16½	per	day.
Jan. 1858 July 1858	11	11 11	M	1.00	44	44 44	Average	10	7	м	2.041	44	66
Jan. 1859 July 1859 Jan. 1860	11 11 11	13 13 13	M M M	1. 161 1. 161 1. 161	46	11	July 1867,	10 10	5 2	M	2.00 2.16½	44 44	44 44
July 1860	-11	13	M	$1.16\frac{1}{2}$	44	44	Average	10	7	м	2.041	64	
Jan. 1861	10 10 10	1 6 6	M M M	1.161 1.331 1.50	44	16 16 ~	Jan. 1868 July 1868 Jan. 1869	10 10 10	7 7 7	M M M	2.00 2.00 2.00	66 61	16 15
Average	10	13	M	1.40	64	**	July 1869	iŏ	7	M	2.00	44	44
July 1861	10	13	М	1, 50	44	66	Jan. 1870	10 10 10	3 7 4	M M M	1. 66½ 1. 83½ 2. 00	4 6 6 6	66 66
Jan. 1862	10 10	8	M	1.50 1.66	44	44	Average	10	14	M	1.841	44	
Average	10	9	М	1. 52	••	64	July 1870	10 10	3 7	M	1. 661 1. 831	44	£6 68
July 1862	10 10	8 1	M	1.50 1.66	44	44		10	4	M	2.00	44	44
Average	10	9	M	1.52	44	44	Average Jan. 1871	10	14	M	1.841	44	44
Jan. 1863	10 10 10	7 1 1	M M M	1.50 1.661 1.831	44	66 66		10 10	2 3	M M	1.50 1.83½	66	**
A wara ca	10	- 2	M	1. 55%	64	**	Average	10	6	M	1.64	44	44
Average July 1863	10	7	м	1. 50	66	46	July 1871	10 10 10	1 2 3	M M M	1.33½ 1.50 1.83½	66	44
	10 10	1	M	1. 661 1. 831	66	**	Average	10	6	м	1. 64	44	**
Average	10	9	M	1. 55½	"	**	Jan. 1872	10 10	1 5	M	1.50 1.83	44	44
Jan. 1864	10 10	7	M M	2.00 2.16	48	44	Average		6	M	1.78	4.6	14
Average	10	8	м	2.02	46	66	July 1872	10 10	1 5	M M	1.50 1.83	46 46	44
July 1864	10 10	7	M	$ \begin{array}{c} 2.00 \\ 2.16\frac{1}{9} \end{array} $	44	66	Average	10	6	M	1.78	5 6	44
Average	10	8	M	2.02	44	44	Jan. 1873	10 10	3	M	1.831 2.00	64 48	16
Jan. 1865	10 10	2 6	M M	2.00 2.16	44	6 6 6 6	Average		6	M	1. 911	44	u
Average	10	8	М	2. 12	64	46	July 1873	10 10	3	M	1.831 2.00	66 16	66 68
J uly 1865	10 10	2 6	M M	2.00 2.16	44	44	Average	Í—		М	1. 91	**	44
Average	10	8	м	2, 121	64	45	Jan. 1874	10 10	5 1	M	1.661 1,831	64 66	44 44
Jan. 1866 July 1866	10 10	7	M M	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	44	"	Average		6	м	1.69	44	*

LEATHER: ESTABLISHMENT No. 51, MASSACHUSETTS—Continued.

YARD HANDS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1874	10 10	4 2	M M	\$1.50 1.66½	per	day.	July 1880	10 10 10	5 3 1	M M M	\$1.33½ 1.50 2.00	per	day.
Average	10	G	M	1.55	64	**	Average	10	9		1. 461	4.6	44
Jan. 1875	10	6	М	1.50	**	44	_				_	46	46
July 1875	10 10	4 2	M	1.33½ 1.50	66	44	Jan. 1881	10 10 10	1 6 3	M M M	1. 16½ 1. 33½ 1. 50	66	44
Average	10	6	М	1. 39	44	44		10 10	1	M	1. 66½ 2. 00	44	11
Jan. 1876	10 10 10 10	2 3 1 1	M M M	1. 16½ 1. 33½ 1. 50 1. 66½	66 66 66	16 66 66	Average July 1881	10	12	M M	1. 441	44	44
Average			М.	1.35%	44	44	duly 1661	10 10	5	M M	1.331	64	64 46
July 1876	10 10	5 1	M M	1.33½ 1.50	64 61	14 16		10· 10	1	M M	1. 66½ 2. 00	44	"
	10	1	M	1.66	11		Average	10	12	M. M	1, 46		41
Average Jan. 1877	-10 10	7 8	M	1.401	16	44	Jan. 1882	10 10 10	6 6 1	M	1.33½ 1.50 1.66½	44	44
9au. 1011	10	4 2	M	1. 33 1	66	44	į.	10	i	M	2.00	44	.4
	10	$\frac{\tilde{2}}{1}$	M	1.661 1.831	44	66 B	Average	10	14	M	1.471	14	44
Average	10	12	M	1.411	16	64	July 1882	10 10	6 6	M	1.33½ 1.50	66	66
July 1877	-10	3	м	1.16	64	44		10 10	1	M M	$\frac{1.661}{2.00}$	44	46
	10	4 2	M	1.33 1 1.50	64 64	61 61	Average	10	14	м	1.471	64	44
	10	2 1	M	$1.66\frac{1}{2}$ $1.83\frac{1}{2}$	"	44	Jan. 1883	10	7	M M	1. 33½ 1. 50	44	44
Average	10	12	М	1.41	46	44		10 10 10	2	M	1. 661 1. 831	44	44
Jan. 1878	10 10	3	M M	1.161 1.331	46	44		10	î	M	2.00	44	44
	10	2	M	1.50	14	16	Average	10	- 15	М	1.50	44	44
	-10	1	M	1. 831	44	44	July 1883	10 10	7 4	M M	1.33½ 1.50	41	16
Average	10	12	М	1.411	44	**		10 10	2	M	1.66½ 1.83½	66 66	46 46
July 1878	10 10	3	M	1. 161 1. 331	44	44 44		10	1	M	2,00	· **	44
. 1	10 10	2 2	M	1. 50 1. 661	44	**	Average	10	15 7	M M	1.50 1.33½	44	16
Average	10	1 12	M	1.831	44	**	Jan. 1884	10 10 10	1	M	1.50	44	44
Jan. 1879	10	6	м	1.161	44	44	ı	10	1	<u>M</u>	2.00	64	44
	10 10	3 1	M M	1.33\frac{1}{3} 1.83\frac{1}{3}	44	66	Average	10	17	М	1.48	**	44
Average	10	10	м	1, 281	"	66	July 1884	10 10	5 9	M	1. 331	64	46 56
July 1879	10 10 10	2 7 1	M M M	1.161	44	44 46 64		10 10 10	1 1 1	M M M	1.66½ 1.83½ 2.00	44	**
Average	10	10	M	1. 83½ 1. 35	44	44	Average	10	17	М	1. 51	66	44
Jan. 1880	10	2	м	1.161	44	**	Jan. 1885	10 10	4	M	1.33½ 1.50	66	46
2000	10 10 10	3 3 1	M M M	1. 33½ 1. 50 1. 83½	6 6 6 6	44 44 44		10 10 10	2 1 1	M M M	$ \begin{array}{c} 1.66\frac{1}{2} \\ 1.83\frac{1}{2} \\ 2.00 \end{array} $	44	44
Average	10		м	1.41	44	66	Average	10	12	M	1.54	**	44

LEATHER: ESTABLISHMENT No. 51, MASSACHUSETTS—Concluded.

YARD HANDS-Concluded.

Payroll of	Hours per day.	Different employés.	Sex.	Rate	of '	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages	
July 1885	10 10 10	4 4 2	M M M	\$1, 33½ 1, 50 1, 66¼	per	day.	July 1888	10 10	7 8	M M	\$1.33 <u>1</u> 1.50	per	day.	_
	10 10	1	M	1. 83½ 2. 00	44	44	Average	10	15	M	1.42	11	44	
Average	10	12	М	1. 54	6.6	44	Jan. 1889	10 10	14 7	M M	1.33½ 1.50	14	11	
Jan. 1886	10	3	м	1.331	44	44	Average	10	_ 21	м	1,39	44	**	
	10 10 10	3 3 1	M M M	1.50 1.663 1.833	66	14	July 1889	10 10	9 12	M M	1.33½ 1.50	66	"	
	10	1	M	2.00	44	66	Average	10	21	м	1. 43	44	**	
Average	10	11	М	1.57½	1.6	46	Jan. 1890	. 10 10	8	M M	1.33½ 1.50	44	′ 41 64	
July 1886	10 10	3 1 5	M M	1.33½ 1.50	44	44		10	3	М	1.661	44	**	
	10 10	5 1 1	M M M	$ \begin{array}{c c} 1.66\frac{1}{2} \\ 1.83\frac{1}{2} \\ 2.00 \end{array} $	14	4.6 6.6	Average	10	14	M M	1.44 1.334	44	"	
Average	- 10 10	11		1, 601	44	46	July 1890	10	7 4	M	1.50 1.66k	4.6	44	
Jan. 1887	10	4	м	1,331		44	Average	-	14	м	1.51	44	44	
o an. 1007	10	9	М	1.50	* *	4.6	Jan. 1891	. 10	5 7	M M	1.33½ 1.50	**	"	
Average	10	13	M	1.45	11	44		10	4	M	1.661 1.831	16	"	
July 1887	10 10	4 9	M M	1.33½ 1.50	44	44	Average	10	17	M.	1.51		**	
Average	10	13	M	1.45	64	46	July 1891	10 10	5 7	M	1. 33½ 1. 50	66	44	
Jan. 1888	10 10	7 8	M M	1. 33½ 1. 50	44	44		10	4	M	1.66½ 1.83½	66	44	
Average	10	15	M	1.421	64	46	Average	10	17	м	1.51	66	**	

LUMBER: ESTABLISHMENT No. 52; NEW HAMPSHIRE.

LABORERS.

Jan. 1858	12	2 M	a.381 per day.	Oct. 1870 12	2 M	a.69 per day.
Oct. 1858	12	3 M	a.381 " "	Jan. 1871 12	2 M 2 M 2 M	a.69 " "
Jan. 1859	12	4 M	a.381 " "	Oct. 1871 12	2 M	a.69 " "
Oct. 1859	12	4 M	a.383 " "	Jan. 1872 12	2 M	a. 69 " "
Jan. 1860	12	4 M	a.381 " "	Oct. 1872 12	2 M	a.69 " "
Oct. 1860	12	4 M	a.381 " "	Jan. 1873 12	3 M	a.69 " "
Jan. 1861	12	3 M	α.381 " "	Oct. 1873 12	3 M	a.69 " "
Oct. 1861	12	3 M	a.381 " "	Jan. 1874 12	1 M	a.69 "."
Jan. 1862	12	2 M	a. 46 " "	Oct. 1874 12		a.69 ""
Oct. 1862	12	3 M	0.30			a.69 " "
Jan. 1863	12	2 M	W 4. XV	Jan. 1875 12		a.69 " "
Oct. 1863	12	2 M	10.013	Oct. 1875 12		
			w. 012	Jan. 1876 12	2 M	a.69 " "
Jan. 1864	12	2 M	10.00	Oct. 1876 12	2 M	, a. 03
Oct. 1864	12	1 M	0,.00	Jan. 1877 12	2 M	a.09
Jan. 1865	12	2 M	a.69 " "	Oct. 1877 12	2 M 2 M	a.09
Oct. 1865	12	2 M	a.69 " "	Jan. 1878 12	2 M	a.09
Jan. 1866	12	2 M	a.69 " "	Oct. 1878 12	2 M	a. 09
Oct. 1866	12	3 M	a.69 " "	Jan. 1879 12 i	2 M	a.09
Jan. 1867	12	3 M	a.69 " "	Oct. 1879 12	2 M	a. 69 " "
Oct. 1867	12	3 M	a.69 " "	Jan. 1880 12	2 M	a.69 " "
Jan. 1868	12	3 M	a.69 " "	Oct. 1880 12	2 M	a.69 " "
Oct. 1868	12	3 M	a.69 44 14	Jan. 1881 12	3 M	a.75 "
Jan. 1869	12	3 M	a. 69 44 14	Oct. 1881 12	3 M	a.75 " "
Oct. 1869	12	3 M	a.69 " "	Jan. 1882 12	3 M	a.75 " "
Jan. 1870	12	3 M	a.69 " "	Oct. 1882 12	3 M	a.75 " "
	(0 ,	,	1 000 1002	o i mr	1

LIFMIRER: ESTABLISHMENT No. 52, NEW HAMPSHIRE—Continued.

LABORERS -Concluded.

						_						
Payrol of—	Hours per day.	Different employés.	Sex.	Rate o	f wages		Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of wages.
Jan. 188 Oct. 188 Jan. 188 Oct. 188 Jan. 188 Oct. 188 Jan. 188 Jan. 188	3 12 4 12 4 12 5 12 5 12 6 12 6 12	3 3 3 3 3 5 5 3	M M M M M M M M	a\$0.75 a.75 a.75 a.75 a.75 a.75 a.75 a.75 a	per day	7.	Oct. 1887 Jan. 1888 Oct. 1888 Jan. 1889 Oct. 1889 Jan. 1890 Oct. 1890 Jan. 1891 Oct. 1891	10 10 10 10 10 10 10 10 10	8 2 2 2 2 2 2 2 2 2 2 2	M M M M M M M	a \$0.75 a .75 a .75 a .75 a .75 a .75 a .75 a .75 a .75	per day

LUMBERMEN.

				1								
Jan. 1858	12 12	5 10	M M	a . 38½ per a . 57½ "	day.	Jan. 1864	12 12	7	M M	$\begin{array}{c} a.76\frac{1}{2} \\ a.1.15 \end{array}$		day.
Average	12	15	M	a.51 "	**	Average	12	14	M	u . 95½	4.6	4.6
Oct. 1858	$^{12}_{12}$	6 12	M M	a.38½ " a.57½ "	44	Oct. 1864	12 12	7 9	M M	a.76½ a1.15	64	"
Average	12	18	M	u.51 "	44	Average	12	- 16	M	a.98	6.6	4.6
Jan. 1859	$\frac{12}{12}$	8	.М. М	a.381 " a.571 "	44	Jan. 1865	12 12	5 10	M	a . 76½ a 1. 15	**	64
Average	12	.16	M	a.48 "	4.6	Average	12	15	Ň	a 1.02	14	**
Oct. 1859	12 12	8 10	M M	a.38½ " a.57½ "	4 4	Oct. 1865	12 12	8 15	M M	a 1. 15	4.4	16
Average	12	18	M	a.49 "	4.6	Average	12	23	М	α 1. 01½		4.6
Jan. 1860	12 12	7 12	M	a .383 " a .574 "	44	Jan. 1866	12 12	7 14	M	$a.76\frac{1}{2}$ $a.1.15$	44	44
Average	12	. 19	M	a . 501	44	Average	12	21	M	a 1.02	**	44
Oct. 1860	12	4	м	a.38½ "	44	Oct. 1866	12 12	5 14	M	α.76½ α 1.15	44	11
A word and	12	12	M	$\frac{a.57\frac{1}{3}}{a.52\frac{1}{2}}$ "	4.6	Average	12	19	M	a 1.05	14	44
Average Jan. 1861]2 12	9	М	a.38½ "	66	Jan. 1867	12 12	6 16	M M	$a.76\frac{1}{2}$ $a.1.15$	46	14
A	12	14	M	- u . o i g	44	Average.	12	22	M	a 1.043	44	.66
Average Oct. 1861	12 12 12	23	M M M	a.50 " a.38\dagger a.57\dagger "	44	Oct. 1867	12 12	6 12	M M	a . 76½ a 1. 15	44	"
A word ord	12	15	M		64	Average	12	18	M	a 1.02	16	**
Average Jan. 1862	12 12 12	7	м	a.50 " a.50 "	64 66	Jan. 1868	12 12	4 12	M M	a.76½ a1.15	44	66
Average	12	10	M	$a.76\frac{1}{2}$ " $a.65\frac{1}{4}$ "	44	Average	12	16	M	a 1.05½	4.6	**
Oct. 1862	12 12 12	8 8	M	a.50 . " a.76½ . "	14	Oct. 1868	12 12	5 10	M M	a . 76½ a 1. 15	46	6 t
Average	12	16	м	a.63½ "	44	Average	12	15	М	a 1.02	6.6	44
Jan. 1863	12 12	6 6	M M	a . 69 " a 1. 15 "	44	Jan. 1869	12 12	4 15	M M	$a.76\frac{1}{2}$ $a.1.15$	66	44
Average	12	12	м	a.92 "	**	Average	12	19	М	a 1.07	6.6	44
Oct. 1863	12 12	6 5	M M	a . 76½ " a 1. 15 "	"	Oct. 1869	12 12	4 15	M	a . 76½ a 1. 15	"	44
Average	. 12	11	M	α.94 "	44	Average	12	19	M	a 1.07	**	44
1					a And	l board.						

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

LUMBER: ESTABLISHMENT No. 52, NEW HAMPSHIRE—Continued.

LUMBERMEN-Continued.

				LUM	ВЕ	ILOL.	Ki IN -	-Continued	1.					
Payroll of—	Honrs per day.	Different employés,	Sex.	Rate of	í w	ages		Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.
Jan. 1870	$^{12}_{12}$	3 11	M	a \$0.761 a 1.15	per	rday	r.	Oct. 1877	12 12	7 7	M M	a \$0.76	per	r day
Average	12	14	M	a 1.06½	4.6	4.4		Average	12	14	М	u.95	<u>.</u> 4	"
Oct. 1870	12 12	5 14	M M	$a.76\frac{1}{2}$ $a.1.15$	44	61		Jan. 1878	12 12	4 14	M M	α,76 α1.15		44
Average	12	19	M	a 1.05	61	4.6	Ì	Average	12	18	М	a 1.06	<u>.</u> "	**
Jan. 1871	12 12	5 12	M M	$a.76\frac{1}{2}$	"			Oct. 1878	12 12	3 10	M M	a.76 a1.15	1 " 2 "	41
Average	12	17	M	a 1.03½	**	4.6		A.verage	12	13	M	a 1.06	- "	"
Oct. 1871	12 12	6 13	M M	a . 763 a 1. 15	44		, .	Jan. 1879	12 12	2 8	M	a.76 a1.15	1 " 2 "	"
Average	12	19	М	a 1.03	4.6	6.6		A verage	12	10	М	a 1.07	<u>.</u> "	44
Jan. 1872	12 12	7 14	M M	a . 763 a 1. 15	**			Oct. 1879	12 12	5 9	M M	a.76 a1.15	1 ii	"
Аverage	12	21	M	a 1.02	**	64		Average	12	14	M	a 1. 01	1 "	66
Oct. 1872	12 12	5 10	M M	$a.76\frac{1}{2}$ $a.1.15$	44			Jan. 1880	12 12	8	M M	a.76 a1.15	1 11 2 11	"
Average	12	15	M	a 1.02	44	66		Average	12	11	M	a 1.04	į "	44
Jan. 1873	12 12	4 12	M M	a.76½ a1.15	44			Oct. 1880	12 12	4 7	M M	a.76 a1.15	i ii	41
Average	12	16	M	a 1.05	46	44		Average	12	11	M	α 1. 01	41	41
Oct. 1873	12 12	8 14	M M	a . 761 a 1. 15	64			Jan. 1881	12 12	4 10	M M	a.85 a1.00	"	44
Average	12	17	M	a 1.08	66	- 64		Average	12	14	М	a.95	"	66
Jan. 1874	12 12	2 16	M M	$a.76\frac{1}{a}$ a 1. 15	44			Oct. 1881	12 12	4 9	M	a.85 a1.00	41	44
Average	12	18	М	a 1.10½	**	44	ı	Average	12	13	M	a.95	•	"
Oct. 1874	12 12	3 10	M M	a . 761 a 1. 15	66			Jan. 1882	12 12	3 12	M M	a.85 a1.00		44
Average	12	13	M	a 1.06	6.6	**	ı	Average	12	15	M	a.97	44	**
Jan. 1875	12 12	5 9	M M	$a.76\frac{1}{2}$	44	64		Oct. 1882	12 12	3 10	М Л	a.85 a1.00	"	44
A verage	12	14	М	a 1.012	"	6.6		Average	12	13	M	u . 96		14
Oct. 1875	12 12	8	M	a . 761 a 1. 15	64	**		Jan. 1883	12 12	2 10	M M	a . 85 a 1. 00	**	11
Average	12	12	М	a 1.02	44	4.6	H	Average	12	12	M	a . 97	_	44
Jan. 1876	12 12	10 10	M M	a.761 a1.15	44	44		Oct. 1883	12 12	3 9	M M	a.85 a1.00	**	11
Average	12	14	M	a 1.04	66	6.6	II	Average	12	12	M	a.96		66
Oct. 1876	12 12	12 12	M	a 1.761 a 1.15	44	44		Jan. 1884	12 12	9	M M	a . 85 a 1. 00	 	44
Average	12	18	М	a 1.02	44	41		Average	12	13	M	a.95		
Jan. 1877	12 12	10	M	a 1.761 a 1.15	14	44		Oct. 1884	$^{12}_{12}$	5 9	M M	a.85 a1.00	44 -	44
- vorage	12	15	M 1	a 1.02	**	41	4	Average,	12	14	M	a.94	"	44

a And board.

LUMBER: ESTABLISHMENT No. 52, NEW HAMPSHIRE—Concluded.

LUMBERMEN-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate o	fw	ages.	Payroll of—	Hours per day:	Different employés.	Sex.	Rate o	f wa	ıges.
Jan. 1885	12 12	4 12	M M	a \$0, 85 a 1, 00	per	day.	Oct. 1888	10 10	. 4	M M	a \$0. 85 a 1. 00	per	day.
Average	12	16	M	u . 96½	16	44	Average	10	14	М	a . 95½	6.6	6.6
Oct. 1885	12 -12	3 12	M M	a.85 a1.00	66	44	Jan. 1889	10 10	4 10	M M	a.85 a1.00	11	14
Average	12	15	M	u . 97	**	64	Average	10	14	М	a.951	6.6	6 6
Ĵan. 1886	12 12	3 10	M M	a.85 a1.00	14	**	Oct. 1889	10 10	5 10	M M	a.85 a1.00	44	46
Average	12	13	M	a . 961	**	**	Average	10	15	M	a.95	4.6	* *
Oct. 1886	12 12	3 10	M M	a . 85 a 1. 00	14	44	Jan. 1890	10 10	4 9	M M	a.85 a1.00	44	66
Average	12	13	M	a.96½	46	t t	Average	10	13	M	a.951	14	44
Jan. 1887	10 10	10 10	M M	a . 85 a 1. 00	44	6.6 6.6	Oct. 1890	10 10	3 10	M M	a.85 a1.00	84	14
Average	10	14	M	a.95½		44	Average	10	13	м	a.963	14	64
Oct. 1887	10 10	5 9	M M	a . 85 a 1. 00	- 66	41 41	Jan. 1891	10 10	2 10	M M	a.85 a 1.00	8 E	44
A verage	10	14	M	a.943	"	4.6	Average	10	12	М	a.971	44	46
Jan. 1888	10 10	3 9	M M	a.85 a1.00	"	44	Oct. 1891	10 10	3 10	M M	a . 85 a 1. 00	64	14
Average	10	12	M	a.961	**	\$6	Average	10	13	М	a.961	41	64

LUMBER: ESTABLISHMENT No. 53, NEW YORK.

SALESMEN.

Jan. 1848 July 1848	11 11 11	1	M M M	1, 50 1, 50 1, 50	per (day.	Jan. 1862	10 10	1	M M	1. 25 1. 50	per	lay.
Jan. 1849 July 1849	- 11	1 1	\mathbf{M}	1.50	44	46	Average	10	2	М	1.371	4.6	**
Jan. 1850 July 1850	11 11	1 1	M M M	1.50 1.50	46	14	July 1862	10	2	M	1.50	44	64
Jan. 1851 July 1851 Jan. 1852	11 11 11	1 1 1	M M M	1.50 1.50 1.50	66	66	Jan. 1863	10	1	M	1.50	44	"
July 1852 Jan. 1853	11 10	1	M	1.50 1.50	4.6	64		10	1		1.91	16	14
July 1853 Jan. 1854	10 10	1	M	1,50 1,50	66	66	Average	10	2	M	1.70%	.,	••
July 1854 Jan. 1855	10	î 1	M	1.50 1.50	44	44	July 1863	10 10	1 2	M	1.12½ 1.50	44	44
July 1855 Jan. 1856	10 10	1	M	1.50 1.50	44	44		10	1	<u>M</u>	1.911	f t	44
July 1856 Jan. 1857	10 10	1	M	1.50 1.50	44	44	Average	10	4	М	1.51	66	4.4
July 1857 Jan. 1858	10 10	1	M	1.50 1.50	16	66	 Jan. 1864	10	1	M	1.25	6.6	44
July 1858 Jan. 1859	10 10	1 1	M	1.50 1.50	64	54		10 10	1 1	M	1.91½ 2.00	44	11
July 1859 Jan. 1860	10 10	1	M M	1.50 1.50	11	66	Average	10	3		1.72	64	44
July 1860 Jan. 1861	10 10	1	M M	1.50 1.50	44	46							
July 1861	10	1	M	1. 25	44	44	July 1864	10 10	1	M	1.50 1.91 1		15
	10	1	M	1.50	**	66		10	1	M	2.00	44	41
Average	10	2	М	1.371	4.6		Average I board.	10	3	M	1.80		•-

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

LUMBER: ESTABLISHMENT No. 53, NEW YORK—Continued.

SALESMEN-Continued.

Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of wag	es.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.
Jan. 1865	10 10	2 1	M M	\$2.00 2.25	per da	y.	Jan. 1874	10 10	1 1	M M	\$2, 25 3, 21	per day.
Average	10	3	M	2.081			Average	10	2	M	2. 73	** **
July 1865	10 10	2 1	M	2.00 2.25	11 11		July 1874	10 -10	3 1	M M	2. 25 3. 21	11 14
Average	10	3	М	2.08	** **		Average	10	4	M	2. 49	ec tr
Jan. 1866	10 10	1	M M	2. 00 2. 25	66 66		Jan. 1875	10 10	2	M M	2. 25 3. 21	16 66 16 66
Average	10	3	M	2.081	***		Average	10	3	М.	2.57	** **
July 1866	10 10	2 1	M M	2.00 2.25	46 44	1	July 1875	10 10	2 1	M M	2. 25 3. 21	*** ***
Average	10	3	M	2.081	er er		Average	10	3	М	2.57	66 66
Jan. 1867	10 10	1	M M	2.00 2.25	11 11		Jan. 1876	10 10	2 1	M M	2, 25 3, 21	14 15
Average	10	3	M	2.081	** **		Average	10	3	М	2.57	41 44
July 1867 Jan. 1868 July 1868	10 10 10	2 2 1	M M M	2, 25 2, 25 2, 25	66 66 66 66		July 1876	10 10	2 1	M M	2. 25 3. 21	ee ee
Jan. 1869	10	1	м	2,00	"		Average	10	3	M	2.57	** **
Average	10	1 2	M	2.50	44 66		Jan. 1877	10 10	`1	M M	$\frac{2.25}{3.21}$	66 66
July 1869	10	2	м	2.00	46 46		Average	. 10	2	M	2.73	11 66
Average	10	1	м м	2, 50	66 66		July 1877	10 10	1 1	· M M	2, 25 3, 21	66 46 66 46
Jan. 1870				2. 161			Average	10	2	M	2.73	££ ££
	10	1	M	2.00	** **		Jan. 1878	10 10	1	M M	2. 25 3. 21	22 EE
Average	10	3	М	2.335	18 61	İ	Average	10	2	M	2. 73	** **
July 1870	10	1	M	2.00	46 46		July 1878	10 10	1	M M	2. 25 3. 21	44 44 44 44
Average	10	3	М	2.331	46 66		Average	10	2	M	2.73	16 66
Jan. 1871	10	1	M	2. 00 3. 00	44 44		Jan. 1879	10 10	1	M M	2, 25 3, 21	** **
Average	10	3	М	2. 33 1		İ	Average	10	, 2	M	2.73	46 46
July 1871	10	1	M	2. 00 3. 00	16 68		July 1879	10 10	1 1	M M	2. 25 3. 21	
Average	10	2	M	2.50	rt tt		Average	10		M	2.73	44 46
Jan. 1872	10	, 1	M M	2.00 3.00	46 66		Јан. 1880	· 10	1	M M	2, 25 3, 21	66 66 66 66
Average	10	2	М	2.50	44	ĺ	Average	10	2	Т.	2.73	16 66
July 1872	10 10	1	M M	2.00 3.21	14 46		July 1880.	10 10	1	M M	2. 25 3. 21	ct
Average	10	2	M	2.60 ₃			Average	10	2	M	2, 73	
Jan. 1873	10 10	1	M M	2. 25 3. 21	16 66		Jan. 1881	10 10	1 1	M M	2. 50 3. 21	86 , 86 88 - 88
Average	10	2	M	2.73	11 11		Averago	10		M	2,851	44 46
July 1873	10 10	I 1	М М	2. 25 3. 21	16 46		July 1881	10 10	1	M M	2.50 3,21	16 66
Average	10	2	M	2.73	44 44		Average	10	2	М	2.851	61 A6

LUMBER: ESTABLISHMENT No. 53, NEW YORK-Continued.

SALESMEN-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of	Hours per day.	Different emplcyés.	Sex.	Rate	of w	ages.
Jan. 1882	 10 10	1 1	M M	\$2, 50 3, 21	per	day.	Jan. 1887	10 10	1	M M	\$2. 10 2. 66½	per	day.
Average	10	. 2	M	2. 851	ıı	4.6	Average	10	2	M	2.381	44	"
July 1882	10 10	1 1	M M	2.50 3.21	"	44	July 1887	10 10-	. 1	M M	2. 10 2. 66½	44	44
Average	10	2	M	2, 85	44		Average	10	2	M	2.381	4.4	46
Jan. 1883	10 10	1 1	M M	2, 60 3, 21	44		Jan. 1888	10 10	1 1	M M	2.10 2.661	/ 11	"
Average	10	2	м	2.901	14	4.6	Average	10	2	M	2.381	4.6	4.6
July 1883	10 10	1 1	M M	2.60 3.21	44	"	July 1888	10 10	1 1	M M	2. 60 3. 00	14	11
Average	10	2	M	2. 901	6.6	11.	Average	10	2	M	2.80		144
Jan. 1884	10 - 10	1 1	M M	2.00 2.66½	"	1 E 1 E	Jan. 1889	10 10	1	M M	2. 60 3. 00	66	44
Average	10	2	M	2. 331	64	14	Average	10	2	M	2. 80	**	64
July 1884	10 10	1	M	2.00 2.66½	44	6 6 6 4	July 1889	# 10	1 1	M M	2. 60 3. 00	46	66
Average	10	2	М	2. 331	44	4.4	Average	10	2	M	2.80	46	44
Jan. 1885	10 10	1	M M	2.00 2.66½	44	41	Jan. 1890	10 10	1 1	M M	2. 60 3. 00	. 10	66
Average	10	2	М	2. 331	- 44	6.6	Average	10	. 2	M	2.80	* *	4.6
July 1885	10 10	1 1	M M	2.00 2.66	66	44	July 1890	10 10	1 1	M M	2. 60 3. 00		",
Average	10	2	М	2. 331	64	1.6	Average	10	2	М	2, 80	6.1	4.4
Jan. 1886	10 10	1 1	M M	2. 00 2. 66	"	16	Jan. 1891	10 10	1	M M	2, 66 3, 00	44	44
Average	10	2	М	2.33	14	4.4	Average	10	2	M	2.83	44	46
July 1886	10 10	1 1	M	2. 10 2. 66	44	44	July 1891	10 10	1 1	M M	2. 66 3. 00		66
Average	10	2	М	2.38	"	4.4	Average	10	2	М	2.83	6.6	66

TEAMSTERS.

Jan. 1850 July 1850	11 11	1 1	M. M	. 871 . 871	1.6	44 -	Jan. 1857	10· 10	1 1	M M	. 75 . 87 <u>1</u>	per	day	
Jan. 1851 July 1851	11 11	1	M	, 87 <u>1</u> . 87 <u>1</u>	**	**	Average	1.0	2	M	. 813	6.6	66	•
Jan. 1852 July 1852	11 11	1 1	M	. 87½ . 87½	66	66		3.	,	3.5		16	64	
Jan. 1853 July 1853	. 10 10	1	M	. 87½ 1. 00	**	44	July 1857	10 10	1 1	M	. 75 . 87 <u>1</u>		44	
Jan. 1854 July 1854	10 10	1	M	1.00 1.00	44	66	Average	10	2	M	. 81½		66	•
Jan. 1855 July 1855	10 10	1	M	1.00 1.00	46	86	1						66	
Jan. 1856	10	1	м	. 75		4.6	Jan. 1858	10 10	1 1	M M	. 87½ 1. 00		44	
	10	ī	M	1.00	ıı	££	Average	10	2	M	. 931	**	46	
Average	10	2	M	. 87½	64	44								
July 1856	10 10	1	M M	.75 1,00	64	11	July 1858	10	1 1	M	. 87½ 1. 00		46	
Average		2	M	.874	64	"	Average	10	2	M	. 931	66	4+	V

LUMBER: ESTABLISHMENT No. 53, NEW YORK-Continued.

TEAMSTERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wage	8.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	7age:	
Jan. 1859	10 10	1 1	M M	\$0.87½	per	day.		July 1866	10 10	1 1	M M	\$1. 25 1. 50	per	day,	
Average	to	2	M	. 931		46		Average	10	2	М	1.371	46-	- 66	
July 1859	10 10	1 1	M M	1. 87½ 1. 00	44	66		Jan. 1867	10 10	1 1	M M	1. 25 1. 50	8 E	6 6 6 6	
Average	10	2	М	, 93 1	44	44		Average	10	2	М	1.371	44	64	
Jan. 1860	10 10	1 1	M M	1.00 1.25	44	66		July 1867	10 10	1 1	M M	1. 25 1. 50	11	46	
Average	10	2	М	1. 121	44	44		Average	10	2	M.	1.371	66	**	
July 1860	10 10	1 1	M M	1.00 1.25	44	66		Jan. 1868 July 1868	10 10	2 2	M M	1.50 1.50	41	64	
Average	10	2	М	1. 121	4.6	14		Jan. 1869	10	-2	M	1.50	11	11	
Jan. 1861	10 10	1 1	M M	1. 25 1. 33½	44	44		July 1869	10 10	1	M	1.50 1.75	- 44	16	
Average	10	2	М	1. 291	66	44		Average	10	3	M	1.58	44	44	
July 1861	10 10 10	1 1 1	M M M	. 75 1. 25 1. 33 1	66	66		Jan. 1870	10 10	2 1	M M	1.50 1.75	££	66 66	
Average		3	M	1. 11	**	6.6		Average	10	3	M	1.581	11	44	
Jan. 1862	10 10	1 1	M	.75	44	44		July 1870	10 10	2 1	M M	1.50 1.75	44	46	
Average		2	M	1.06	66	64		Average		3	М	1.581	"	4.6	
July 1862	10 10	1 1	M M	. 75 1, 37	**	44		Jan. 1871	10 10	2 1	M	1.50 1.75	"	**	
Average	10	2	M	1.06	46	4.4		Average		3	M	1.581	**	46	
Jan. 1863	10 10	1 1	M M	. 75 1. 46	44	44		July 1871	10 10	1 2	M M	1.50 1.75	"	44	
Average	10	2	M	1.101	66	64		Average		3	M	1.661		44	
July 1863	10 10	1 1	M M	. 75 1. 46	46	44		Jan. 1872 July 1872 Jan. 1873	10 10 10	3 3 3	M M M M	1. 75 1. 75 1. 75 1. 75	16	- 66	
Average	10	2	M	1. 101		44		July 1873 Jan. 1874	10	3	M	1.75 1.75	44	44	* 1
Jan. 1864	10 10 10	1 1 1	M M M	1.00 1.46 1.50	64 46	64 64		July 1874 Jan. 1875	10 10 10	`1	M M	1.50 1.75	11	41 41	
Average	10	3	м	1.32	64	6.6		Average	10	2	M	1.62		44	
July 1864	10 10	1 1	Д И	1.00 1.50	11	44		July 1875	10 10	1 1	M M	1.50 1.75	46	44	-
Average	10	2	м	1. 25	4.5	44		Average	10	2	м	1.62	14	16	-
Jan. 1865	10 10	1 1	M M	1.00 1.50	44	£4 64		Jan. 1876	10 10	1 1	M M	1.50 1.75	6 6 6 6	**	
Average	10	- 2	М	1. 25	4.6	**		Average	10.	- 2	м	1. 621	**	41	
July 1865	10 10	1	M M	1.00 1.50	11	46		July 1876	10 10	1 1	M M	1.50 1.75	66 66	**	
Average	10	2	M	1. 25	66		١	Average	10	2	М	1. 621	"	41	
J an. 1866	10 10	1	M M	1. 25 1. 50	44	64 66		Jan. 1877	10 10	1 1	M M	1.50 1.75	44	44	
▲verage	10	2	м	1. 371	16	44		Average	10	2	M	1, 62	"	+4	

LUMBER: ESTABLISHMENT No. 53, NEW YORK—Continued.

TEAMSTERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of 1	wages
July 1877	- 10 10	1 1	M	\$1.50 p	per day.	July 1886	10 10	1 8	M M	\$1,50 1.66½	per	day.
Average	. 10	2	M	1.621	14 44	Average	10	4	М	1.621	"	4.6
Jan. 1878	. 10 10	2 1	M M	1.50 1.75	65 66 65 86	Jan. 1887	10 10	1 3	М М	1.50 1.66½	46	66
Average	10	3	М	1.581	86 68	Average July 1887	10 10 10	4 1 3	M M M	1.62½	44	"
July 1878 Jan. 1879 July 1879	10 10 10	2 1 2	M M M	1.50 1.50 1.50	61 64 44 64 84 44	Average	10	· 4	м	1.66½ 1.62½	44	16
Jan. 1880 July 1880 Jan. 1881	10 10 10	3 3	M M M	1.50 1.50 1.50	46 44	Jan. 1888	10 10	. 1 2	M M	1.50 1.66½	16	46
July 1881 Jan. 1882 July 1882 Jan. 1883	10 10 10 10	3 3 3	M M M M	1.50 1.50 1.50 1.50	66 66 68 66 68 66	Average July 1888	10 · 10 · 10	3 1 2	M M M	1.61 1.50 1.66½	£ £	11
July 1883	10 10	2 1	M M	1.50 1.66%	46 66	Average	10	3	М	1. 61	4.6	"
Average		3	<u>M</u>	1.551	44 44	Jan. 1889	10	1 2	M M	1.50 1.66½		"
Jan. 1884 July 1884	10 10	3	M M	1.66½ 1.66½	44 44 64 44	Average July 1889	10	3 1	M	1.61 1.50	**	64
Jan. 1885 July 1885	10 10	3	M M	1. 66½ 1. 66½	" "	Average	10	1 2	M	1. 66½ 1. 58½	11	
Jan. 1886	10 10	1 8	M M	1.50 1.66½	"	Jan. 1890 July 1890	10 10	1	M M	1.66½ 1.66½	64	11
Average	10	4	M	1.621	46 64	Jan. 1891 July 1891	10 10	1	M	1.66½ 1.66½	66	6.6

YARD HANDS.

Jan. 1840	12 12 12 12		1 1 1 1 1	M M M	. 33½ . 50 . 75	per	day.	Jan. 1842 cone'd.	12 12 12	2 1 1	M M M	. 50 . 83½ 1. 25	per "	day.
	12		1	\mathbf{M}	1.25		**	Average	12	6	M	. 64	••	
Average	12		5	M	. 611	44	44	T 1-10/0	10			411	16	"
T 1			.					July 1842	12	1 3 1	M	. 413	44	44
July 1840	12		2	M	. 331	66	44	11 1	12 12	3	M	. 50		
•	12		1	\mathbf{M}	. 50	44	44	II i	12	1	M	. 831	4.6	44
	12		1	\mathbf{M}	. 75	**	44	11 1	12:	1	M	1. 25	4.6	4.6
	12	~	1	M	1. 25	4.6	66							
			_].					Average	12	6	M	. 661	66	4.6
Δ verage	12	1	5	'M	. 631	66	44			_				
Jan. 1841	12		3	м	. 33 1	66	4.6	Jan. 1843	12	1.	M.	.41%	4.4	44
	12		ĭ	M	.50	66	6.6		$\frac{12}{12}$	1 1 1	M	.50	6.6	6.6
	12		1	m	.75	4.6	44	li l	12	ī	M	. 621	6.6	4.6
	12		i	M	1. 25		44	1 1	12	i	M	.75	4.6	4.6
	14		-	181	1. 40			1	12.	ī	M	.874	66	4.6
A		_	_	3.5	h 01	66	44	li l	12.	î	M		44	44
Average	12		6	M	. 584	•••	••		12	1	IVI,	1. 25		
July 1841	12		3	M	. 331	4.6	4.6	Average	12	6	M	.734	4.6	44
7 3 2021	19		ĭ	M	.50	66	66	II TOTAL				1109		
1	$\frac{12}{12}$		î	M		66	44	B						
	12		: 1		. 83 <u>1</u>	66	66	T-1-1019	12	1	M	. 621	4.6	44
	12		1	\mathbf{M}	1. 25		• • •	July 1843	10	. 1 3 1	M	.75	4.6	66
						.,	44		12	0	M		44	44
Average	12		6	M	. 60	••	**	li I	12			. 871	66	66
_								1 1	12	1	M	1. 25	**	••
Jan. 1842	12		1	\mathbf{M}	. 331	66	66	li l						
	12		1	M.	. 41 🖟	. 44	44	Average	12	6	M	.831	66	44

17509, pt. 2-62

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

LUMBER: ESTABLISHMENT No. 53, NEW YORK—Continued, VARD HANDS--Continued.

				YA	RD	HANI	OSContinue	d.				
Payroll of—	Hours per day.	Different employes.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w
Jan. 1844	12 12	5 1	M M	\$0.75 1.00	11	day.	Jan. 1850	11 11 11	1 3 3	M M M	\$0.75 87½ 1.00	per d
Average	12	6	М	. 79	5.6	14		11 11	1 1	М .	1. 25 1. 50	44
July 1844	12 12 12	3 2 1	M M M	. 75 . 87½ 1. 00	66	66 66	Average	11	9		1.013	и
Average	12	6	М	. 831	44	**	July 1850	11 11	1 2	M M	$.75$ $.87\frac{1}{2}$	11
Jan. 1845	12 12	2 2	M M	. 87½ 1. 00	44	44		11 11 11	1 3 1	M M M	. 95 1. 00 1. 50	66 66
Average	12	4	М	. 931	64	4.6	Average	11	8	м	. 991	14
July 1845	12 12	2 2	M M	. 87½ 1. 00	**	44	Jan. 1851	11	1	M	. 75	**
Average	12	4	M	. 931	4.6	44		11 11 11	$\begin{bmatrix} 2\\3\\1 \end{bmatrix}$	M	. 87½ 1. 00	44
Jan. 1846	12 12 12	2 1 3	М М И	.81 .87½ 1.00	66	66 64	Avérage	11	7	<u>л</u> Л	1. 50	"
A verage	12	7	<u>М</u> М	1. 25	44	49	July 1851	11 11 11	3 3 1	<u>Л</u> Л	. 87½ 1. 00 1. 50	44
July 1846	12	1	м	.81	4.6	"	Average	11	7	м	1.02	41
·	12 12 12	2 3 1	M M M	. 87½ 1. 00 1. 25	£ £	64	Jan. 1852	11 11	1 3	M M	. 75 . 871	11 11
Average	12	7	М	. 97½	44	11	1	11 11	$\frac{2}{1}$	M	1.00° 1.50°	**
Jan. 1847	12 12	1 2	Ж	. 81 . 87½	66	4.6 6.6 6.4	Average	11	7	м	. 98	"
	12 12	1	M	1.00 1.25	"	**	July 1852	11 11 11	3 3 1	M M M	1. 00 1. 50	"
Average	12	7	М	. 971	ıı	**	Average	11	7	M	1.02	
July 1847	12 12 12 12	1 2 3 1	M M M M	. 81 . 87½ 1. 00 1. 25	**	66	Jan. 1853	10 10 10 10	1 3 2 1	M M M	1, 00 1, 25 1, 50	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
Average	12	- 7	М	.97½	44	64	Average	10	7	M	1, 123	4.6
Jan. 1848	11 11 11	1 4 2	M M M	. 87½ 1. 00 1. 25	6.E 6.E	4.6 6.6	July 1853	10 10	1 3	M M	. 87½ 1. 00	11
Average	11	7	м	1.051	44	44		10 10	2 1	M M	1. 25 1. 50	46
July 1848	11 11 11	2 1 3	M M M	. 75 . 871	16	6 E	Average	10	7	1	-1.121	46
	11	2	М	1.00	66	61	Jan. 1854	10 10 10	1 3 2	M M M	. 87 <u>1</u> 1. 00 1. 25	66 65
Average	11	8	M	. 981	4.6	44		10	1	М	1.50	
Jan. 1849	11 11 11 11	2 ; 1 ; 3 ;	M M M	. 75 . 871 1. 00 1. 25	64 64 66	66 66 46	A verage July 1854	10 10 10	1 3	M M M	1. 12½ . 87½ 1. 00	46
Average	11	8	М	. 981	66	11		10 10	2	M	1.25 1.50	44
July 1849	11	1 1	М	. 75	44	44	Average	10	7	М	1. 12½	44
	11 11 11 11	2 3 1 1	М М М М	. 87½ 1. 00 1. 25 1. 50	66 66	66 66 66 68	Jan. 1855	10 10 10	1 3 2	M M M	. 92 1. 00 1. 50	66 68
Average	11	8	M		44	11	Average	10	6	M	1. 151	44

LUMBER: ESTABLISHMENT No. 53, NEW YORK—Continued.

YARD HANDS-Continued.

							Ti.			1				_
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day:	Different employés.	Sex.	Rate	of v	vages	,
July 1855	10 10 10	1 3 2	M M M	\$0, 92 1, 00 1, 50	per	day.	July 1860- cone'd.	10, 10	1 3	M M	\$1.25 1.50		day.	
Average	10	6	M	1.151	66		Average	10	11	M	1.08	1.1	46	
Jan. 1856	10 10	1 3	M	. 92	66	14	Jan. 1861	10 10 10	4 1 3	M M M	.75 .87½ 1.00	6 E	11	
	10	- 2	M	1.50	"	4.6	1	10 10-	2	M	1. 12½ 1. 25	66	44	
-Average	-10	6	M	1.151		44		10 10	2	M M	1.50		44	
July 1856	10	1	M	.75	44		Average	10	14	M	1.08	4.6	64 /	
	10	1	\mathbf{M}	.87 <u>1</u>	44	11	July 1861	10	3	M	. 75	6.6	46	
	10 10	$\frac{1}{2}$	M M	1, 00 1, 50	"	"		10 10	1 4	M	1.00°	6.6	4.6	ķ
		6	M	1, 09%		6.6	l.	10 10	2 1	M	1. 12½ 1. 25	- 11	6.6	
Average	10	D	353.	1, 098			H	10	2	M	1.50	4.6		
Jan. 1857	10	1	М	. 75	1.5	4.6		10	1	M	1. 75		44	
	10 10°	2	M	. 87½ 1. 00	**	44	Average	10	14	M	1.10		4.6	
	10 10	1 1	M	1. 25 1. 50	64	16	Jan. 1862	10	3	M	. 75		66	
		'			6.6			10 10	1 3	M	1.00°		4.6	
Average	10	6	M	1.04		" !		10	2	M	1. 12½ 1. 25		**	
July 1857	10	2	M	. 75	4.6	44		10	2	M	1.50	4.6	"	
	10	1	M	. 87½ 1. 00	66	11	Average	10	12	M	1.05	14	4.6	
	10	1	M	1. 25	44	66			1	M	. 75	4.5	4.4	
	10	1	M	1.50			July 1862	10 10	1	M	. 87	4.6	11	
Average	10	6	M	1. 02	11	64		10	5	M	1.00	44		
Jan. 1858	10	, 4	M	. 75		44		10 10	1 1	M	1.28	14		
	10 10	1	M M	. 87½ 1. 00	44	64	1	10	. 2	M	1, 50			
,	10 10	1	M	1. 25	44	66	Average	10	11	M	1.101	44	: :	
*				·		44	Jan. 1863	10	1	M	. 871	44	46	
Average	10	8	M	.95	٠.	**		10	6	M	1.00° $1.12\frac{1}{2}$		6.6	
July 1858	10	. 1	M	. 75	6.6	44	ll ll	10	1	M	1.25	11	6.6	
,	10	2 3	M	1.00	44	11	ļ.	10	1 1	M	1. 28 1. 50	6.6	4.6	
	10	2	M	1.50	16	4.6	Average		11	M	1.09			
Average	10	8	М	1.061	**	tt	July 1863		1	M	, 87		4.6	
Jan. 1859	10	1	M	. 75	66	66	July 1000	10	2	M	1.00	re , eë	44	
	10 10	3 4	M	1.00	66			10 10	5 1	M	1, 25 1, 28		6.6	
	10	2	M	1.50	4.6	66		10	ī	M	2.00		4.4	
Average	10	10	M	1.031	61	56	Average	10	10	M	1.24		44	
July 1859	10	1	M	. 75	44	**	Jan. 1864	10	3	M	1.00	44	44	
	10 10	3 4	M	1.00		14		10 10	5 1	M	1. 25 1. 28	4.4	6.6	
	10	2	M	1.50	6.6	14		10	1	M	1.50	44	4.6	
Average	10	10	M	1.031		44		10	1	- M	2.00		"	
Jan. 1860	10	1	М	. 75	2.5	44	Average		11	M	1. 27			
	10	3	M	. 8 M		**	July 1864	10	1 1	M	1.00 1.12	64		
	10	3 2	M.	1.00	44	44		10	3	M	1.25	11	66	
A	!			1.04		44		10	. 1	M	1. 28 1. 37		66	
Average		9	M					10	3	M	1.50	::	44	
July 1860	10 10	2 3	M	. 75	66	56		10	. 1	M	2.00	-		
	10			1.00	"	44	Average	е 10	11	M	1, 36	Ł "	4.6	

LUMBER: ESTABLISHMENT No. 53, NEW YORK—Continued.

YARD HANDS-Continued.

Payroll of	Hours per day.	Different employés.	Sex.	Rate	of ·	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
Jan. 1865	10 10 10 10	1 2 1	M M M	\$0, 62 1, 12½ 1, 25 1, 37	per	day.	July 1869- conc'd.	10 10 10	5 2 1	M M M	\$1.75 2.00 2.25	per "	day.
	10 10	9	M	1.50 2.00	4 6	44	Average	10	17	М	1.644	· i	и
Average	10	15	M	1.40	4.0	"	Jan. 1870	10 10	I 8 5	M M	1.00 1.50	44	66
July 1865	10 10 10	1 1 2	M M M	$\begin{array}{c} .62 \\ 1.12\frac{1}{2} \\ 1.25 \end{array}$	44	44 44	•	10 10 10	5 2 1	M M M	1.75 2.00 2.25	11	64 64
	10 10 10	1 8 1	M M M	1. 37 1. 50 2. 00	64 64	66 65	Average	10	17	М	1.64	44	46
• Average	10	14	M	1. 40	66	46	July 1870	10 10	1 6	M M	1.00 1.50	66	66 66
Jan. 1866	10 10 10	1 7 4	M M M	. 70 1. 25 1. 50	66 66	61 61 65	÷	10 10 10	6 2 1	<u>М</u> М М	1.75 2.00 2.25	11	66
A	, 10	1	м_	2.00	**	"	Average	10	16	M	1. 67	46	44
Average July 1866	10 10 10 10 10	13 1 1 2 7	M M M M M	. 50 . 70 1. 25 1. 50 2. 00	46 46 46 46	64 66 66 66	Jan. 1871	10 10 10 10 10 10	1 6 1 5 1	M M M M M	1.25 1.50 1.62 1.75 2.00 2.25	64 66 66 66	66 66 66
Average	10	12	м	1.35	44	44	Average	10	15	М	1.66	"	44
Jan. 1867	10 10 10 10 10	1 1 7 2	M M M M M	. 50 . 70 1. 50 1. 75 2. 00	64 64 64 65	46 46 46 46 46	July 1871	10 10 10 10 10 10	1 6 1 5 1	M M M M M	1. 25 1. 50 1. 62 1. 75 2. 00 2. 25	66 66 66	11 16 16 15 15
Average July 1867	10 10	12 1	M M	1. 43\frac{1}{2}	44	" ;	Average	10	15	M	1.66	44	44
	10 10 10 10 10	1 7 2 1	M M M M M	1. 00 1. 50 1. 75 2. 00 2. 25	44 44 44 44	46 66 66	Jan. 1872	10 10 10 10 10	1 6 5 1	M M M M	1. 25 1. 50 1. 75 2. 00 2. 25	64 61 66	44 45 45
Average	10	13	M	1.53	44	44	Average	10	14	M	1, 66	14	**
Jan. 1868	10 10 10 10 10	1 8 2 1	M M M M M	. 66½ 1. 00 1. 50 1. 75 2. 00 2. 25	66 66 66 66	46 66 46 -16 66	July 1872	10 10 10 10	5 7 1 1	M M M M	1. 50 1. 75 2. 00 2. 25	11	11 11 16 16
Average	10	14	м	1.53	64	64	Average	10	14	М	1.711	**	15 /
July 1868	10 10 10 10 10	1 1 9 1 2	M M M M	. 661 1. 25 1. 50 1. 75 2. 00	66 66 66	44 46 46 11	Jan. 1873	10 10 10 10	6 6 1 1	M M M M	1. 50 1. 75 2. 00 2. 25 1. 691	14	61 61 61
A WOYO GO	10	1	M	2. 25	44	46	July 1873	10	6	M	1.50		44
Average Jan. 1869	10 10 10	15 1 11	M M	1.56 .87½ 1.50	**	11		10 10 10	5 1 1	M M M	1. 75 2. 00 2. 25		41 _
	10 10	2 2	M	1.75 2.00	66	66	Average	10	13	M	1.69		"
Average	10	17	M	2. 25 1. 59½	**	44	Jan. 1874	10 10 10 10	6 4 1 1	M M M	1. 50 1. 75 2. 00 2. 25	"	66 26 66
July 1869	10 10	8	M M	1.00 1.50	44	44	Average	10	12		1, 681	••	4

LUMBER: ESTABLISHMENT No. 53, NEW YORK—Continued.

YARD HANDS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1874	10	4	М	\$1.50	per	day.	Jan. 1880-	10	1	M	\$2.081	per	day.
	10 10	1 1	M	1.75 2.25	**	"	cone'd.	10	5	M	2, 25	44	41
Average	10	9	М	1. 69	44	44	Average	10	Б	M	1.711	••	
Jan. 1875	10	4	М	1.50	44	44	July 1880	10 10	1 1	M	1, 25 1, 50	66	44
O Man 2010	10 10	4	M	1.75 2,25	44	44		10	1	M	$2.08\frac{1}{2}$	44	44
A		9	M	1. 691				10	1	M	2. 25	**	"
Average	10	3	м	1.50	**	44	Average	10	4	М	1.77	**	**
July 1875	10	2	M	1.75	44	44	Jan. 1881	10	2	M	1.50	44	
	10	1	М	2. 25				10	1	M	$\frac{2.08\frac{1}{2}}{2.25}$	6.6	64
Average	10	6	M	1.71	44	41	Average	1.0	4	м	1.831		44
Jan. 1876	10 10	2	M	1.50 1.75	66	44							41
	10	ĩ	M	2. 25	44	44	July 1881	10 10	2	M	1.50 1.75		44
Average	10	6	M	1.71	**	44		10 10	1 1	M	$2.08\frac{1}{2}$ 2.25	4.6	44
July 1876	10	3	м	1.50	44	44	Average		5	M	1, 813		44
	10 10	2	M	1.75 2.25	66	66	Average	10.			1,019		
A mana ma		6	м	1.71		44	*Jan. 1882	10 10	4	M	1. 50 1. 75	66	44
Average					**	44		10	1	M	2. 08½ 2. 25	44	44
Jan. 1877	10 10	1 1	M	1.50 1.75	44	44		10	1	-	-		
	10	1 1	M	1, 83½ 2, 25	44	**	Average	10	7	M	1.72		
Average		4	M	1.83		64	July 1882	10 10	5	M	1.50 1.66	44	14
	10	2	M	1 -	4.5	64		10	1	M	$2.08\frac{1}{2}$ 2.25	4.6	46
July 1877	10	1	M	1.50	66	44	1			 	7	- 64	
	10	1 1	M	1.83 ½ 2.25	**	44	Average		8	M	1.68	44	64
Average	10	- 5	- M	1.76		**	Jan. 1883	10 10	5 1	M	1.50 1.66h	6.4	44
Jan. 1878	10	- 1	м	1. 50	64	44		10 10	I	M	$2.08\frac{2}{9}$ 2.25	41	
0 au. 1010	10	1	M	1.75	46	44	A	-	8	M	1.68	4.6	44
	10 10	1 1	M	1.83 <u>1</u> 2.25	44	44	Average		1				44
Average	10	4	м	1.83	**	44	July 1883	10 10 10	5 1	M	1.50 1.66		11
July 1878		1	м	1.50	44	44	1	10	1 1	M	2. 08½ 2. 25		44
- unj 2010	10	1	M	1.75 1.83	44	66	Average		8	М	1.68	6.1	44
	10	1	M	2. 25	44	44				1	"	4.6	14
Average	10	4	M	1.83	- "	44	Jan. 1884	10	5	M	1, 50 1, 66		66
Jan. 1879		2	M	1.50	44		1	10	1	M	2. 08§ 2. 25	.,	**
	10	1	M	1.75	66	44	Average		8	м	1.68		4.6
	10 10	1	M	1.831 2.25	**	**	1		1	M	1.50		
Average	10	5	м	1. 761	44	44	July 1884	10	5	M	1.66		44
July 1879	1	1	M	1. 25	44	64		10 10	1 1	M	2. 084		4.
y =570	10 10	2	M	1.50 1.75	44	66	Average		8	М	1. 68		4.6
	10	1	M	1.83	B 14	64	"		5	M	1.50		44
	10	1	M	2. 25		**	Jan. [1885	10	1	M	1.66		44
Average	10	6	M	1.68	**	44		10 10	1 1	M	2. 08	"	**
Jan. 1880	10 10	1 2	M	1. 25 1. 50	64	46	Average	10		M	1.68		•4

LUMBER: ESTABLISHMENT No. 53, NEW YORK--Concluded.

YARD HANDS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wage	8.	Payroll (Hours per day.	Different employés.	Sex.	Rate	of 1	wages.
July 1885	10 10 10	5 1 1	M M M	\$1,50 1,66 <u>1</u> 2,081	per	day		July 1888- conc'd.	10 10	2 1	М -М	\$1,66½ 2,25	per	day.
	10	i	M	2. 25	ŧ t	tt		Average	10	5	M	1.711	"	44
Average		8	M	1.681	**	44		Jan. 1889	10 10 10	3 1 1	M M M	1, 50 1, 66½ 2, 25	"	6.6 6.4 6.4
Jan. 1886	10 10 10	5 1 1	M M M	1.50 1.66½ 2.08½	66	44		Average	10	5_	M	1.681	11	44
Average	10	8	M	2. 25 1. 68½		**		July 1889	10 10 10	3 1 1	M M M	1.50 1.66½ 2.25	6 E E E	14 14 11
July 1886	10 10	4	M M	1.50 1.66 1	46	44		Average	10	5	М	1, 681	4.6	44
\	10	2	М	2. 25		44		Jan. 1890	10 10	2 2	M	1.50 1.66½	**	11 11
Average	10	7	М	1.74	6.6	44	i		10	1	<u>M</u>	2. 25	å.	41
Jan. 1887	10 10	4	M	1.50 1.66½	11	6 h		Average	10	5	M	1.711		" 。
Average	10	- 7	M	1.74		44		July 1890	10 10 10	$\begin{bmatrix} 2 \\ 2 \\ 1 \end{bmatrix}$	M M M	1.50 1.66½ 2.25	"	u .
July 1887	10	2 2	M	1,50	66	11		Average	10	5	М	1, 711	£1	**
	10	1	M	$1.66\frac{1}{2}$ 2.25		44		Jan. 1891	10 10	2 2	M M	1.50 1.66½	.,,	44
Average	10	5	M	1.71	6.6	6.6			10	1	M	2. 25	ŧ t	4.6
Jan. 1888	10 10	2 2	M	1.50 1.66½	44	44		Average		5	М	1.713	* *	44
	10	1	М	2, 25		4.0		July 1891	10 10	2 2	M M	1.50 1.66k	6.6	44
Average	10	5	M	1.715		11			10	ĩ	M	2. 50	64	**
July 1888	10	2	21	1.50	11	**		Average	10	` 5	M	1.761	14	11

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT.

BLACKSMITHS.

						1						
July 1853 Jan. 1854 July 1854	10 10 10	1 M 1 M	2, 50	- 66	day.	July 1863	10 10	1	M M	1.75 2.50	per 	day.
Jan. 1855	10	1 1			1.4	Average	10	2	M.	2, 123	**	44
July 1855	10	1 M	2.00	4.6	4.4			_ [
Jan. 1856	10	1 3			44	Jan. 1864	10	1	М	2, 25	+ 6	44
July 1856 Jan. 1857	10 10	1 N			44	1	10	1	М	2.75	**	1.1
July 1857	10	1 1 N			44				7.	2, 50	6.6	**
Jan. 1858	10	1 \)	2.25	1 56	4.6	Average	10	2	М	2. 50		
July 1858	10 10	1 3			41	7 7 7004			3.6	0.50	6.6	4.6
Jan. 1859 July 1859	10	$\frac{1}{1} \mid \frac{\lambda}{\lambda}$			44	July 1864	10 10	1	M	2.50 3.50	4.6	44
Jan. 1860	10	1 1			6.6		10		111	0.00		
July 1860	10	1 \	2, 25	1.4	1.4	Average	10	2	M	3.00	4.6	14
Jan. 1861	10	1 \ \ \ \ \			4.6							
July 1861	10	1 \ \ \ \ \	2. 25	•••		Jan. 1865	10	1	M	3, 50	44	44
Jan. 1862	10	1 1	2.00	44	64				3.6	0.971	4.4	44
	10	1 3	2. 25		4.4	July 1865	10 10	1 1	M	2.37½ 3.50	4.6	44
A TOTO TO	10	2 N	9.10	1 44	64							
Average	10	2 N	2.12	2	•	Average	10	2	М	2.931	44	16
July 1862	10.	1 1			6.6					-		66
Jan. 1863	10	1 1	2, 25	4.6	64	Jan. 1866	10	1	M	3, 50	"	**

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

BLACKSMITHS-Continued.

Payroll of-	Hours per day.	Different employés.		Rate	of w	rages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of	wages.
July 1866	10 10	1 2	M M	\$3.00 3.50	per (day.	July 1877	10 10	1	M M	\$2.75 3.25	ber	day.
Average	10	3	M	3. 331	44	**	Average	10	2	M	3,00	1.6	44
Jan. 1867 July 1867	10 10	1	M M	3.50 3.50	61 64	46	Jan. 1878	10 10	1 1	M M	2.75 3.25 s	44	64
Jan. 1868 July 1868	10	1 - 1	. М . М	3. 50	"	11	Average	10	2	M	3.00	6.6	**
	10	1	М	3. 50	66	66	July 1878	10 10	1 1	M M	2.75 3.25	14	64
Average	10	2	М	3, 121			Average			м	3.00		"
Jan. 1869	10	1	M	3. 50 2. 00	61	11	Jan. 1879	10 10	1 1	M	2.50 2.75		66
July 1869	10	1	M	3.50	**	44	Average		2	м	2. 624		66
Average	10	2	М	2.75	64	64	July 1879	10	1	М	2. 50	44	"
Jan. 1870	10 10	1	M	$\frac{2.00}{3.75}$	**	"	Axonoo	10	1 2	M	2. 75 2. 62½		46
Average	10	. 2	М	2.871	6.6	**	Jan, 1880	10	1	м	2.75	44	44
July 1870	10 10	1 1	M	2, 00 3, 75	66	66	July 1880	10	1	M	2, 75	44	
Average	10	2	м	2.871	44	**	Jan. 1881	10 10	1	M	2. 25 3. 00	."	"
Jan. 1871	10 10	1	M	2.00 2.75	14	66	Average	10	2	M	$2,62\frac{1}{2}$		**
	10	1	_ M	3.75	44	6.6	Jan. 1882	10 10	1 1	M	2.50 2.75	6.	44
Average		3	M	2.83½ 2.00		44	Awaraga	10	3	M	2, 75		
July 1871	10	1	M	3. 75		4.6	July 1882	10	1	M	2.00	4.6	4.6
Average	10	2	M	2.87	**	**		10 10	1	- <u>М</u> М	2. 50 3. 00	6.6	"
Jan. 1872	10 10	1	M M	2.00		"	Average	10	3	М	2.50	•••	44
Average	10	2	М	2.871	4.6	4.5	Jan. 1883	10 10	1 1	M	2.00	11	
July 1872 Jan. 1873	10 10	1 1		3.75 3.75	44	44		10	1	M	3.50	- 11	64
-Jan. 1874	10	1	M	2.75	44	44	Average	1	3	M	2. 834 3. 00		
Average	10	1 2		3, 25		"	July 1883	10	1	М	3. 50	٠.	
July 1875	10	1		2.00		**	Average		2		3. 25		
	10 10	1 1		3.00	**	66	Jan. 1884	10	1 1		3.00 3.50		
Average	10	3	М	2.70	"	44	Averag	е 10	2	М	3, 25	41	
Jan. 1876	10 10	1		2, 00 2, 75	"	44	July 1884 Jan. 1885 July 1885	10	1 1	M	3.50 3.50 3.50	61	44
Average	10	3	М	2.371	44	44	Jan. 1886	10	1	М	2.75	61	
July 1876	10 10	1		2.00 2.75	11	66	A was = =	10		-1	3. 50	_	
Average	10	2	M	2.371	6.6	44	Averag July 1886		1		3, 50	2 41	
Jan. 1877	10	1	М	2.75	44	64	Jan. 1887	10				. 4	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued;

BLACKSMITHS-Concluded.

Payroll of—	Hours per day.	Different employés.		Rate	of	wages.	Payroll of-	Hours per day.	Different employés.	Sêx.	Rate	of	wages.
July 1887	10 10	1 1	M M	\$2.00 3.50	per	day.	July 1889 Jan. 1890	10 10	1	M M	\$3. 00 3. 50	per	day.
Average	10	2	М	2.75	"	44	July 1890	10 10	1	M M	2. 25 3. 50	14	44
Jan. 1888	10 10 10	1	M M M	2. 25 2. 50 3. 50	44	66 66	Average	10	2	M	2 873		14
Average		3	м	2.75	+1	64	Jan. 1891	10 10	1	M M	2.50 3.50	**	11
July 1888	10 10	1	M M	2.50 3.50	44	44	Average		2	М	3.00	14	"
Average	10	2	M	3.00	46	44	July 1891	10 10 10	1 1 1	M M M	2.50 2.75 3.50	"	11
Jan. 1889	10	1	M	3.50	41	44	` Average	10	, 3	M	2. 911	44	**

BLACKSMITHS' HELPERS.

July 1853	10	1	M	1.37½	per	day.	July 1862 Jan. 1863	10 10	1	M	1.371 1.371 1.371	per	day.
Jan. 1854	10	1	M	1.00	4.4	4.6	1		-	_	2.0.9		
	10	1	M	1.25	6.6	4.6	July 1863	10	I	M	1, 25	+ 4	44
	10	1	M	1.50	44	44		10	2	М	1.50	4.	44
Average	10	3	М	1. 25	4.6	**	Average	10	3	М	1.411	**	84
July 1854	10	1	м	1,50	44	44	Jan. 1864	10	2	M	1. 25	* *	44
Jan. 1855	10	1	M	1.50	6.6	6.6	li l	10	2	M	1,50	**	44
July 1855	10	1	M	1.50	4.6	6.6							
Jan. 1856	10	1	M	1.50	44		Average	10	4	\mathbf{M}	1.373		**
July 1856	10	, 1	M	1.50	44	44			_				
Jan. 1857	10 10	1 1	M	1.50		66	July 1864	10	2	M	1.66		44
July 1857 Jan. 1858	10	1	M	1. 25 1. 25	66	**	Jan. 1865	10	1	M	1.83	44	66
July 1858	10	1	M	1, 25	16	64	July 1865	10	1	M M	1.66		44
Jan. 1859	10	î	M	1. 25	44	44	Jan. 1866 Jan. 1867	10 10	1 1	M	1.663	44	66
Van. 1005	10			13			July 1867	10	i	M	1. 75		14
July 1859	10	1	M	1, 25	4.6	4.6	Jan. 1868	10	1	M	1. 75		64
J J	10	ī	M	1.50	44	44	July 1868	10	2	M	1. 75		**
							Jan. 1869	10	ĩ	M	1.831	44	64
Average	10	2	M	1.371	46	6.6	Jan. 1871	10	î	M	1, 75	4.4	44
							July 1872	10	î	M	1.833		
Jan. 1860	10	1	M	1. 25	44	6.6	Jan. 1873	10	ī	M	1.835	+4	14
•	10	1	M	1,371	44	4.4	July 1873	10	ī	·M	1.834	44	44
	10	I	M	1.50	4.6	46	Jan. 1874	10	1	M	1.833	* *	44
. -				·			July 1874	10	1	M	1.83	14	**
Average	10	3	M	1.37	44	**	Jan. 1877	10	1	M	1, 50	**	4.6
							July 1877	10	2	\mathbf{M}	1, 50	**	44
July 1860	10	1	M	1, 25	6.6	4.6	Jan. 1878	10	2	M	1, 50	**	11
	10	1	M	1.371	44	44	July 1878	10	1	M	1.50		44
	10	1	M	1.50	8.6	14	Jan. 1879	10	1	M	1.50		**
. [-							July 1879	10	1	M	1.50		
Average	10	3	M	1.37	44	**	Jan. 1880	. 10	1	M	1, 50		
	- 1						Jan. 1881	10	1	M	1.00	4.6	11
Jan. 1861	10	1	M,	1.37	86	44		10	1	M	1.75	**	14
T1- 1001	2.0		3.0				Average	10	2	M	1. 371		44
July 1861	10	4	M	1. 25	44	44	Average	10		344	1.019		
	10	1	М	$1.37\frac{1}{9}$	44	66	Jan. 1882	10	1	M	1,661	44	46
	10	1 1	M	1.50	44	**		10	l î	M	1. 75	4.6	44
	10		_M_	1.831	•••	••	1						44
Average	10	7	M	1.38₺	**	44	Average	10	2	M	1.701	**	
Jan. 1862	10	4	M	1, 25	44	41	July 1882	10	2	M	1.50	44	44
- mii. 1002	10	1	M.	1.371	61	**	Tan 1000	10		14	1 50	6.6	
	10	î	M	1.50	14	**	Jan. 1883	10	1	M	1.50	44	44
				2.00				10	1	М	1.75		
Average	10	6	M	1.311	4.4	44	Average	10	2_1	M	1.62	44	88

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

BLACKSMITHS' HELPERS-Concluded.

Payroll of —	Hours per day.	Different employés.	Sex.	Rate o	of v	vages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of '	wages.
July 1883	10 10	1	M M	\$1.50 p	er	day.	Jan. 1888	10 10	1 1	M M	\$1.50 1.75	per	day.
Average	10	2	M	1: 621	**	**	Average	10	2	M	1.623	61	44
Jan. 1884	.10 10	1	M M	1.50 1.75	"	44	July 1888 Jan. 1889	10 10	2 2 2	M M	1.75 1.75	44	66 61
Average	10	2	M	1.621	**	+4	July 1889	10	_	M	1. 75		
July 1884 Jan. 1885 July 1885	10 10 10	1 1 1	M M M	1.75 1.75 1.75	44 44	- 64	Jan. 1890	10	1 2	M	1. 50 1. 75	44	44
Jan. 1886	10 10	2	M	1. 50 1. 75	44	**	Average July 1890	10	3 1 1	M M M	1. 66½	41	
Average	:10	3	М	1.581	44	66	A	10	2	M	1.75		
July 1886	10 10	1 1	M M	1.50 1.75	44	"	Jan. 1891	10	2	м	1.50	44	
Average	10	2	M	1.62½	4.6	44		10	1	М	1.75	4.4	4.6
Jan. 1887	- 10	1	М	1. 75		4.6	Average	10	. 3	M	1, 581	4.6	44
July 1887	10 10	1 1	M M	1.50 1.87½	44	44	July 1891	10 10	2	M M	1.50 1.75	**	44
Average	10	2	M	1.681	44	44	Average	10	3	М	1.58ដួ	4.6	**

BOILERMAKERS.

Jan. 1853 July 1853	10 10	3 3 3	M M M	1. 87½ 1. 75	per	day.		Jan. 1859	10 10	1 1	M M	1.71 $1.87\frac{1}{2}$	per (lay.
Jan. 1854 July 1854	10 10	i	M	1, 62½ _2, 00	6.6	6.4	l	Average	10	2	M	$1.79\frac{1}{2}$	6.6	6.6
Jan. 1855 July 1855	10 - 10	2 2	M	2.00	66	44		July 1859	10 '	1	м	1.62%	4.6	66
0 uly 1855	10		, M				-	oury 1905	10	1	M	1.71	4.4	44
Jan. 1856	10 10	1 1	M	1.62½ 1.75	11	44			10	1	M M	1.75 2.00	46	44
	10	2	M	2.00	44	6.6								
A mana ma	10	4		1.841	44	6.6		Average	10	4	M	1.77	4.6	**
Average	10	4	, MI					Jan. 1860	10	1	М	1, 621	66	44
July 1856	10	1	M	1.621	44	44	ļ	!	10 10	I 1	M	1.71	44	44
-	10	1	м	2.00	••	••	Į	·	10	i	M	2.00	44	6.6
` Average	10	2	M	1.81	**	44			10.			1.77	44	46
Jan. 1857	. 10	. 2	м	1.831	64	44		Average	10	4	- WI			
	10	2	M	2.00	6.6	44		July 1860	10	. 2	М	1.621	46	46
Average	10	4	м	1. 911		44		!	10 10	2	M	1.75 2.00	44	46
ŭ				-			- 1			<u> </u>			44 -	
July 1857	10 10	1	M	1.62½ 1.75	46	64		Average	10	5	M	1.75		**
	10	i	M	1.83	4.6	64		Jan. 1861	10	2	М	1.75		44
	- 10 10	2	M	1.87½ 2.00	16	44	ĺ		10	.1	М	1.871	••	••
	10		TAT			-		Average	10	3	M	1.79	66	6.6
Average	10	6	M	1.821	44	44		July 1861	10	. 3	м	1.75	4.6	44
Jan. 1858	10	1	M	1.621	44	44		a dity 1001	10.	ĭ	M	1.871	44	4.6
	10	1 2	M	1.75 2.00	46	44		Average	10	4	M	1.78	44	46
	10	z	- ML	2.00		•	1	Jan. 1862	10	1	м	1.75	44	46
Av erage	10	4	M	1.841	61	44		July 1862	10	. 1	M	1.75	4.6	44
July 1858	10	1	M	1.75	46	44		Jan. 1863	10.	1	M	2.00	44	64
	10	î	M	1.871	44	44			10:	1	M	2. 25	**	••
Average	10	2	. М	1.812		44		Average	10,	i 2	, м	, 2.12 <u>1</u>	65	**

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECT. ICUT—Continued.

BOILERMAKERS-Continued.

-		i		1			1	**		1	1		
Payroll ot-	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of v	vage
July 1863	10 10	1 2	M M	\$2.00 2.75	per	day.	July 1869	10 10 10	2 1 1	M M M	\$2.00 2.12 <u>1</u> 2.25	per	day
Äverage	10	3	M	2 50	44	44		10 10	1 7	M	2.50	11	44
Jan. 1864	10 10 10	, 1 1 1	M M M	2. 00 2. 25 2. 50	66 61 66	66 66	Average		12	M	2. 75 2. 51	ī	44
Average		3	M	2, 25	"	**	Jan. 1870	10 10	1 1	M	2.00 2.12		66
July 1864	10	1	М	2.00	14	66		10 10	1	M M	2. 25° 2. 50	15	15
ouly 1001	10 10 10	1 1	M M M	2.50 2.75 3.00	66	6.6 6.6		10 10	1 2	М	2. 60 2. 75	- 11 - 11	16
Average	10	- 5	M	2, 55		44	Average	10	7	M	2. 421		44
Jan. 1865	10	1 1	M M	2. 00 2. 50	**	66	July 1870	10 10 10	1 1	M M M	2.00 2.12½ 2.25	1.1	14
	10	1	M	3.00	44	\$6		10 10	1 2	M	2.50 2.75	**	44
Average	10	3	М	2.50	**	44	Average		6	М	2.391	. "	**
July 1865	10 10 10 10	3 1 1 4	M M M M	2 00 2. 12½ 2. 25 2 75	6 6 6 6 6 6	6.6 6.6 6.6	Jan. 1871	. 10 10 10	1 1 1	<u>Л</u> Л	2. 123 2. 25 2. 373	. 44	16 16
	10	1	M	3.00	44	6.6		10	1 2	M M	2.50° 2.75	14	11
Average	10	10	М	2. 431	4.6	**	Average	10	6	М.	2.46	"	**
Jan. 1866	10 10	1 2	M	2. 25 2. 50	11	44	July 1871	10 10	1 1	М	2. 12§ 2. 25	14	16
Average	e 10	3	M	2.41	"	4.4		10 10	1 1	M	$\begin{bmatrix} 2.371 \\ 2.50 \end{bmatrix}$	4.6	16
July 1866	10 10		M	2.00 2.50	66	44		10	3	M	2.75	. "	**
	10 10	3	M M	2.75 3.00	44	66	Average Jan. 1872	10	7 2	M	2. 50	"	16
Average	10	9	M	2.64	, 44	41	0 1011. 31112	10	2	М	2.50	· "	"
Jan. 1867	10	1	M	2.00 2.25	41	64 64	Ayerage	10	4	M	2. 43	44	14
	10 10 10 10	1 3	M M M M	1 2 50 2.75 3.00		64 66 64	July 1872	10 10 10	1 1 1	M M M	2. 37 2. 50 2. 60	ł " "	11
Average	10	В	м	2.53	.,	**	Average	10	3	М	2. 49		46
July 1867	10 10		M M	2. 00 2. 75	64	"	Jan. 1873	10 10 10	1 1 3	M M M	2.00 2.25 2.50	16	64 64
Average	10	4	М	2.373	44	4.5		10	ĭ	M	2, 80	"	14
Ј ап. 1868	10 10		M M	2, 00 2, 75	"	44	Average		6 2	М • М	2, 42	<u>.</u> "	44
Average	10	5	71	2.30	11	44	July 1873	10 10	í	М	2. 80	41	(1
J uly 1868	10 10	1	M	2. 00 2. 25 2. 75	64	66	Average		3	М	2.60	44	46
	10	4	- <u>N</u>				Jan. 1874	10	1 1	M	2,50 2,75 2,80	44	44
Average	1	7	M	2.461	11	"		10	1	<u>M</u>			44
Jan. 1869	10 10 10	1 1 1	, M M M M	2. 00 2 25 2. 50 3. 75	66	11	July 1874	10	1 1 2	M M	2. 68 2. 50 2. 75		44
Average	10		м	2. 50	16	44	Average	10			2. 66	-	и
		-							-			-	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

BOILERMAKERS-Concluded.

*	. 2	,	· · · ·	·						1		
Payroll of—	Hours per day.	Different employés.	Sex.	Rate of	f wages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of w	адев.
Jan. 1875	10 10	1 2	M M	2. 75	er day.	Jan. 1886	10 10 10	1 2 1	M M M	\$2, 25 2, 50 2, 75	per	day.
Average	10	3	M	2.661		Average		4	М	2. 50	6.6	
July 1875	10 10	1	M M	2.20	11 11	July 1886	10 10 10	1 1	M M	2. 00 2. 50	"	11
Average	10	2	М	2.371			10	î	M	2.75	44	**
Jan. 1876 Jan. 1877	10 10	1 2	M M	1 2. 00	14 44 /	Average Jan. 1887	10	3	M	2. 41½	"	**
Júly 1877	10 10	1 3	M M		ii 44	Jan. 1001	10 10	2 2	M	2. 50 2. 75	**	"
Average	10	4	М	2 681		Average	10	5	M	2, 50	44	44
Jan. 1878	10 10	10	M M	1 44 100		July 1887	10 10	2 1	M M	2.00 2.50	44	**
Average	10	11	M	2.541		Average	10	3	M	2, 161	1.1	44
July 1878 Jan. 1879	10 10	1	M M	4.00	46 44	Jan. 1888	10 10 10	1 1	M M M	2.00 1 2.50 2.75	64 64	44 44
July 1879	10 10	1 1	M M	4.40	et 11	Average	10	3	M	2.411	44	**
🐧 Average	10	2	М	$2.37\frac{1}{2}$	66 66	July 1888	10	. 1	M	2.00		44
Jan. 1880 July 1880 Jan. 1881	10 - 10 10	1 1 2	M M M	2, 25	16 46 16 61 15 46		10 10 10	2	M M	2, 12½ 2, 50 2, 75	14	**
July 1881	10	3	M	2. 50		Average	10	. 5	М	2.371	44	46
Jan. 1882	10 10	1 2	M	, 4.20	11 11	Jan. 1889	10 10 10	9 I 1	M M M	2.00 2.12½ 2.25	4 f 4 f 4 f	44
Average	10	3	M	2.411	££ 4£		10	. ī	M	2.75	61	**
July 1882	10 10	1 2	M M	1 2.00	16 16	Average July 1889	10 10	. 5 1	M M	$\begin{vmatrix} 2.22\frac{1}{2} \\ 2.00 \end{vmatrix}$	**	"
_ Average	10	3	M	2.663	44 44	9 tily 1009	10	1 1	M M	2. 12½ 2. 75	14	44
Jan. 1883	10	2	M	4. 40	55 46 14 14	.	10	3	M	2, 29		
Average	10	4	м	2. 50		Average		. 3		2, 00		
J uly 1883	10 10	2 1 1	M	2. 00 2. 25	14 44 14 44	Jan. 1890	10 10 10	1	M M M	$\frac{2.12\frac{1}{2}}{2.75}$	46	44
	10 10	i	M	2. 75	64 65	Average	10	. 5	M	$2.17\frac{1}{2}$	6.6	4.4
Average	10	5	М	2. 30		July 1890	10	1	M	2.00	4.4	66
Jan. 1884	10 10	1	M	1 4.00	14 44		10 10 10	1 1 1	M M M	2. 373 2. 50 2. 75	**	66
Average	10	3	М	2. 20	11 11	Average	10	4	М	2. 401	6.6	**
July 1884	10 10 10	2 1 1	M M M	2. 25	11 44	Jan. 1891	10 10 10	2 1 1	M M M	2.00 $2.37\frac{1}{2}$ 2.50	6 4 6 6	6 6 6 6 6 6
Average	10	4	М	2. 181			10	i · 1	M	2. 75	6.6	6.6
Jan. 1885	10 10	1 1	M M	1 2.00	16 46	Average	- (5	М	2.521	44	
Average	10	2	М	□. ILS	44 66	July 1891	10 10	2	M	$\frac{2,00}{2.37\frac{1}{2}}$	44	11
July 1885	10 10	. 3	M	2. 25	14 66		10	. 1	M	3. 00	4.6	66
Average	10	4	M	2.061	** **	Average	10	5	М	2. 421	14	1"
1												

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECT. ICUT—Continued.

BOILERMAKERS' HELPERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wagea
July 1853	10 10	1 4	M M	\$1.00 1.121	per	••	Jan. 1860	10 10 10	1 3 1	M M M	\$1.00 1.12½ 1.37½	per	day.
Average]	5	M	1.10	**	**	Average	10	5	м	1. 15	**	и.
Jan. 1854	10 10	1	M	1.00 1.25	44	14	July 1860	10	1	M	1.00	**	
Average	10	3	М	1.081	46	6.6		10 10	3	M M	1.12½ 1.50	6.6	14
July 1854	10 10	1 1	M M	1.00 1.25	44	44	Average	10	5	М	1. 171	"	**
Average	10	2	м	1, 12	44	46	Jan. 1861	10 10	2 1	M M	1. 12½ 1. 50	ft tt	**
Jan. 1855	10 10	4 1	M	1.00 1.121	44	**	A.verage	10	3	м.	1, 25	"	°14
	10 10	2 2	M M	1. 25° 1. 50	44	44	July 1861	10	1	м	1.00	64	14
Average	10	9	м	1.18	**	44		10 10	5 1	M M	1. 12½ 1. 50	11	
July 1855	10 10	3 1	M M	1.00 1.25	44	44	A verage	10	7	м	1. 16	4+	**
4	10	1	М.	1.50	44	44	Jan. 1862	10 10	2 1	M M	1. 12½ 1. 50	**	**
Average	10	5	M	1.15	44	"	Average	10	3	М	1.25		"
Jan. 1856	10 10 10 10	.3 1 1 1	M M M M	1.00 1.12½ 1.25 1.50	44	66	July 1862	10 10	2	M M	1. 12½ 1. 50	64 51	**
Average	10	6		1. 143	44	44	Average	10	3	М.	1. 25	**	64
July 1856	10 10	3 1	M M	1. 00 1. 25	44	41 44	Jan. 1863	10 10 10	4 1 1	M M M	1. 00 1. 37½ 1. 50	66 66	66 66
Average	10	4	M	1.061	44	44	Average	10	6	M	1. 143		41
Jan. 1857	10 10 10	3 2 1	M M M	1.00 1.25 1.50	44 44	44 44	July 1863	10 10 10	2 5 1	M M M	1. 00 1. 25 1. 50	41 41	**
Average	10	6	M	1.161	**	44	Average	10	8	M	1. 22	**	**
July 1857	10 10	3 1	M M	1.00 1.12	44	44	Jan. 1864	10 10	6	M M	1. 25 1. 50	"	44
Average	10	4	М	1.03	64	46		10	2	M	1.75	46	14
Jan. 1858	10 10	2	M M	1.00 1.124	44	**	A verage July 1864	10	9	M M	1.39 1,25	"	44 -
Average	10	3	M	1.04	44	44	0 419 1001	10 10	2 2	M M	1.50 1.62½	44	44
July 1858	10 10	1 2	М	1.00	64	**		10	7	M	1. 75	"	"
	10	1	M M	$\frac{1.12\frac{1}{2}}{1.50}$	**	44	Average	10	12	M	1.641	"	
Average	10	4	М	1. 181	**	44	Jan. 1865	10 10 10	1 6	M M M	1. 25 1. 62½ 1. 75	66	44
Jan. 1859	10 10	3 2	M	1.00 $1.12\frac{1}{2}$	66	66 61	Average	10	8	М	1. 67	**	44
Average	10	1 6	M	1. 121		**	July 1865	10	1	M	1. 25 1. 62½	44	44
July 1859	10	2	м	1.00	**	44		10 10 10	1 3 1	M M M	1. 75 1. 871	**	44
	10 10	1	M M	$\frac{1.12\frac{1}{2}}{1.25}$	44	44	Average	10	6	M	1.661	"	66
Average	10	5	M	1. 10	44	44	Jan. 1866	10	5	м	1.75	**	**

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

BOILERMAKERS' HELPERS-Continued.

Payroll of -	Hours per day.	Different employés.	Sex.	Rate o	of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.
July 1866	10 10 10 10	1 3 1 1	M M M	\$1.60 p 1.70 1.75 1.90	er (day.	Jan. 1882	10 10 10	1 3 1	M M M	\$1.00 I 1.50 1.75	ir.	day.
	l—					**	Average	10	5	M	1.45	4.6	66
Average	10	6	M	1.721			July 1882	10	5	M	1.50	46	16
Jan. 1867	10 10	2 1	M M	1.80 1.85	66	66	Average	10	1 6	M	1. 75	16	66
Average	10	3	M	1.811	"	44	Jan. 1883	10	1	м	1.00	14	14
July 1867	10 10	2 1	M M	1.00 1.80	66	44 44		10 10	2 3	M	1. 50	44	11
Average	10	3	M	1. 261	66	44	Average	10	6	M	1.54		
21.01mg	ĺ			-			July 1883	. 10 . 10	I	M	1.00 1.50	11	11
Jan. 1868	10	3	M	1.00 1.75	44	46	li	10	2	м	1.75	4.6	46
	10	1	M	1.80	**	44	Average	10	4	M	1, 50	44	44
Average	10	5	М	1.31	66	"	Jan. 1884	10 10	1 2	M M	1.00 1.75	"	66 64
July 1868	10 10	2	M	1.00 1.50	"	"	Average	10	3	м	1.50	16	**
Average		3	М	1. 161	**	44	July 1884 Jan. 1885	10 10	3 1	M M	1.75 · 1.75	"	66 66
Jan. 1869	10	2	M	1.50	44	4.6	July 1885	10	2	м	1.50		44
July 1869	10 10	7	M M	1.75 1.90	"	16	o ary root	10 10	1	M M	1. 62½ 1. 75	"	44
Average	10	8	M	1.77	11	45	Average	10	4	M	1.59½	44	tā
Jan. 1870	10 10	I 1	M	1.75 1.90	14	44	Jan. 1886	10 10	5 2	M M	1.50 1.75	"	11
Average	10	2	M	1.821	4.6	66	Average	10	7	М	1. 57	4.6	44
July 1870 Jan. 1871 Jan. 1872	1 10	1 1	M M M	1.75 1.75 1.75	44	64 64	July 1886	10 10 10	1 2 3	M M M	1. 00 1. 50 1. 75	6 6 6 6	6 6 6 6
July 1872	10	1	м	1. 25	44	41	Average	10	6	M	1, 54	44	61
, , ,	10	1	M	1.75	44	44	Jan. 1887	10	i	M	1.00		4.6
Average	10	2	M	1.50	14	44		10 10	5 3	M	1.50 1.75	44	66
July 1873 Jan. 1877	10 10	1 1	M	1.871 1.75	66 66	44	Average	l	9	M	1. 53		ıı
Jan. 1878	10 10	9 2	M M	1.50 1.75	44	61 61	July 1887	10 10	1 4	M M	1.00 1.75	66	11
Average	10	11	M	1.541	44	**	Average	10	5	м	1.60	4.5	64
July 1878 Jan. 1879 July 1879	10 10 10	1 1 1	M M M	1.50 1.50 1.25	6 6 6 6	11 ·	Jan. 1888	10 10 10	: 1	M M M	1. 25 1. 50 1. 75	14	6 6 6 6
Jan. 1880	10	2	M	1. 25	44	46	Awarana		4	M	1.561	44	46
July 1880	10	1	M	1.50			Average		1	м	1, 25	46	44
Jan. 1881	10	1	M	1.00	**	66	July 1888	10 10 10	8	M	1.50 1.62½	11	66 66
Average	10	2	M	1.371	44	44		10	, 1	M	1.75	66	**
July 1881	10	3	M	1.50	66	44	Average	al 10	1: 11	Į M	1.51	••	•

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECT. ICUT—Continued.

BOILERMAKERS' HELPERS-Concluded.

Payroll of-	Hours per day.	Different cmployés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.
Jan. 1889	10 10	1 1	M M	\$1. 25 per day. 1. 75 " "	July 1890	10 10 10	1 1 3	М М М	\$1.50 1.62½ 1.75	per day.
Average	10	2	-ML	1.50	Average	10	5	M	1, 671	16 46
July 1889 Jan. 1890	10 10	1 1	M M	1. 25 " " 1. 50 " "	Jan. 1891 July 1891	10 10	2 3	M M	1. 75 1. 75	46 64

ENGINEERS.

				<u> </u>							
Ј ан. 1854	10	1 1	1.06	per day.	July 1871	10	1	M	2. 67	ner	day,
July 1854	10	1 3			Jan. 1872	10	î	M	2.67	144	uny.
Jan. 1855	10	1 3			July 1872	- 10	î	M	2.67	4.6	66
July 1855	10	1 3	-1.25		Jan. 1873	10	î	М	2, 67	4.6	6.6
Jan. 1856	10	1 N	1. 25	14 66	July 1873	10	î	M	2. 67	4.6	14
July 1856	10	1 1			Jan. 1874	10	î	M	2. 67	9.6	6.6
Jan. 1857	10	1 1	1, 25	66 66	July 1874	10	î	M	2.67	44	46
July 1857	10	1 1 1	1.25	44 14	Jan 1875	10	î	M	. 2.67	4.6	44
Jan. 1858	10	1 3	1.37	1 11 11	July 1875	10	l î	M	2.67	1.6	8.6
July 1858	10	1 1		<u> </u>	July 1879	10	î	M	2.00	6.6	66
Jan. 1859	10	1 1		ī	Jan. 1880	10	ĩ	M	2,00	6.6	4.6
July 1859	10	1 1	1.37	j	July 1880.	10	î	M	2.00	66	6.6
Jan. 1860	10	1 7			Jan. 1881	10	ī	m	2.00	6.6	5 P
July 1860	10	1 1			July 1881	10	ī	M	2.00	66	61
Jan. 1861	10	1 N	1.50	14 14	Jan. 1882	. 10	1	M	2.25	44	66
July 1861	10	1 N			July 1882	10	1	M	2. 25	"	4.6
Jan. 1862	10	1 3		46 66	Jan. 1883	10	1	M	2. 25		66
July 1862	10	1 N			July 1083	10	1	M	2, 25	**	+6
Jan. 1863	10	1 \ \			Jan. 1×84	10	1	M	2.00	- 66	"
Jan. 1864	* 10	1 3		16 44	July 1884	10	1	M	2.00	66	46
July 1864	10	1 3		11 11	Jan. 1885	10	1	M	2.00	46	6.6
Jan. 1865	10	1 N		11 46	July 1885:	10	1 1	M	2.00	6.6	66
July 1865	10	1 M		11 11	Jan. 1886.	10	1	M	2.00	**	4.6
Jan. 1866	10	1 M		11 54	July 1886	10	1	M	2.00	1.6	4.6
July 1866	10	1 N		14 44	Jan. 1887	10	1	M	2.00	**	6.6
Jan. 1867	10	1 N		11 11	July 1887	10	1	M	2.00	Tt	44
July 1867	10	1 M		46 66	Jan. 1888	10	1	M	2.00	**	11
Jan. 1868	10	1 M		44 44	July 1888	10	1	M	2.00		4.6
July 1868	10	1 M		44 64	Jan. 1889	10	1	M	2.00	6.6	4.6
Jan. 1869	10	1 M		44 16	July 1889	10	1	M	2.00	44	66 -
July 1869	10	1 M		46 11	Jan. 1890:	10	1	M	2.00	14	4.6
Jan. 1870	10	1 M		11 11	July 1890	10	1	М	2.00	4.6	14
July 1870	10	1 M		41 11	Jan. 1891	10	1	M	2.25	t t	16
Jan. 1871	10	1 M	2. 67	44 44	July 1891.	10	1	М.	2.00	14	6.6
			-		1 .				1		

FOREMEN, BOILERMAKERS.

		,												
July 1853	10	1	М	2. 00	per d	lav.	Jan. 13	864	10	1	м	4.00	ner	day.
Jan. 1854	10	1	M	2.25		11	July 1		10	ī	M	5. 50	111	""
July 1854	10	1	M	2, 25	1.4	4.6	Jan. 18		10	î	M	6.00	. 4	4.6
Jan. 1855	10	1	M	2, 25	4.6	44	July 18		10	î	M	6.00	4.4	4.6
July 1855	10	1	M	2, 25	4.6	6.0	Jan. 18		10	1	M	4, 00	6.6	16
Jan. 1856	10	ī	M	2.50	4.6	4.6	July 18		10	î	M	4. 00	46	4.6
July 1856	10	l ī	M	2.50	4.4	£ t	Jan. 1		10	î	M	5, 00	t £	44
Jan. 1857	10	l î	31	2.59	4.4	6.6	July 18		10	1	M	5. 00	40	6.6
July 1857	10	i	M	2.50	4.6	4.6	Jan. 18		10	1	M	5. 00	11	+4
Jan. 1858	10	l î	M	2, 623		4.6	July 18		10	1	M	5. 00	66	
July 1858	10	l î	M	2. 62		6.6	Jan. 1			1	M	5.00	4.6	1.4
Jan. 1859	10	1 1	M	2. 623	44				10	1		5. 50	14	14
July 1859	10	1 1	M	2. 75		6.6	July 18		10	Ţ	M		44	14
Jan. 1860	10	1 1	M	3.00			Jan. 18		10	1	M	5.50		1.4
July 1860	10	1 1	M				July 1		10	1	М	5, 50	44	44
		1		3.00			Jan. 1		10	1	М	5. 50	41	
Jan. 1861	10	, i	М	3.00			July 18		10	1	М	5,:50	44	
July 1861	10	1	M	3.00			Jan. 1		10	1	M	5, 00		
Jan. 1862	10	1	M	3.00		4.6	July 1	872.	10	1	M	5.00	44	66
July 1862	10	1	М	3,00		4.6	Jan. 1	873	10	1	M	5.00	64	7.5
Jan. 1863	10	1	M	3.00	8.6	8.6	July 1	873.	10	1	м	4.00	66	64
July 1863	10	1 1	M	8, 50	6.6	6.6	Jan 1		10	1	3.1	1 4 00	44	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

FOREMEN, BOILERMAKERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of -	Hours per day.	Different employés.		Rate	of	wages.
July 1874 July 1875 July 1875 July 1876 July 1876 July 1877 July 1877 July 1877 Jan. 1878 July 1882 Jan. 1882 July 1883 July 1883 July 1883	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M M M M M M M M	\$3. 00 3. 50 3. 25 3. 25 4. 00 4. 00 4. 00 4. 00 4. 00 3. 00 3. 00 3. 00	per ***	day.	July 1884 Jan. 1885 July 1885 Jun. 1886 July 1886 July 1886 July 1887 July 1887 July 1888 Jun. 1889 July 1889 July 1889 July 1890 July 1890 July 1890 July 1890 July 1890 July 1890 July 1890 July 1890 July 1890 July 1890	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M M M	\$3. 25 3. 25 3. 25 3. 50 3. 50 3. 50 3. 50 3. 50 4. 00 4. 00 4. 00	per ***	day.

FOREMEN, MACHINISTS.

	1					1	`		1		
Jan. 1853	10	1	M	3.83½ per day.	July 1871	10	1	M	3.50	per da:	Y-
July 1853	10	1	M	3.83% "" ""	Jan. 1872	10	1	M	3.51	Tr. 61'	•
Jan. 1854	10	1	M	3. 85% " "	July 1872	10	1	M	3,50	1.6 4.6	
July 1854	10	î	$\overline{\mathbf{M}}$	3. 831 " "	Jan. 1873	10	1	M	4.00	11 14	
Jan. 1855	10	î	M	3. 83 1 11 11	July 1873	10	î	$\widetilde{\mathbf{M}}$	4.00	44 44	
	10	1	m	3. 83 1 11 11	Jan. 1871	10	1	M	4.00	64 66	
July 1855 Jan. 1856	10	1	M	3.83	July 1874	10	î	M	4.00	64 64	
	10	1	M	3.831 " "	Jan. 1875	10	i	m	4.00	66 66	
July 1856		1	M	3.831 " "		10	1	M	3, 50	66 - 66	
Jan. 1857	10			0.00%	July 1875	10	1 1	M	3, 50	44 14	
July 1857	10	1	M	0.003	Jan. 1876	10	1 1	M		66 66	
Jan. 1858	10	1	М	0.038	July 1876		1 1		3.50	44 44	
July 1858	10	1	M	i 0.008	Jan. 1877	10	1	M	4.00	46 64	
Jan. 1859	10	1	M	0.003	July 1877	10	1	M	4.50	44 44	
July 1859	10	1	М	3. 83 4 44	July 1882	10	1	M	3, 25		
Jan. 1860	10	1	M	3.831 " "	Jan. 1883	10	1	M	3, 25	46	
July 1860	10	1	M	3, 831 " "	July 1883	10	I	\mathbf{M}	3. 25		
Jan. 1861	10	1	M	3, 831 " "	Jan. 1884	10	1	M	3, 25		
July 1861	10	1	M	3, 83 1 11 11	July 1884	10	1	M	3.25	11 11	
Jan. 1862	10	1	M	3. 835 " "	Jan. 1885	10	1	M	3, 25	11 11	
July 1862	10	Ī	M	3.831 "	July 1885	10	1	M	3.25	21 22	
Jan. 1863	10	$\frac{1}{1}$	M	3, 831	Jan. 1886	10	1	M	3, 25	** **	
July 1863	10	i	M	3.831 11 14	July 1886	10	1	M	3, 25		
Jan. 1864	10	î	M	4. 79 " "	Jan. 1887	10	1	М	3. 25	** **	
July 1864	10	î	31	6.39 " "	July 1887	10	1	M	3, 25	16 61	
Jan. 1865	10	î	M	6.39 " "	Jan. 1888	10	í	M	3. 25	11 11	
July 1865	10	1	M	6.39 " "	July 1888	10	ī	M	3, 25	11 11	
Jan. 1866	10	1 1	M	3. 75 " "	Jan. 1889	10	î	M	3, 25	14 14	
	10	i	M	3.75 " "	July. 1889	10	1	M	3, 25	14 66	
July 1866 Jan. 1867	10	1	M	3. 75 " "	Jan. 1890	10	1	M	3, 25	64 66	
						10	i	M	3. 25	14 15	
July 1867	10	1	M	3. 13	July 1890	10	1	M	3, 25	44 44	
Jan 1870	10	1	M	0.00	Jan. 1891		1	M		41 44	
July 1870	10	1	M	0.00	July 1891	10	1	JUL	3. 25		
Jan. 1871	10=	1	M	3, 50 '' ''	1						
- 12		I	ŀ		11	I	l	1	1		
	-										

	,				FOR	EME	N,	MOULDERS	•					
Jan. 1854 July 1854 July 1859 Jan. 1860 Jaly 1860 Jan. 1861 July 1861 July 1862 Jan. 1863 July 1862 Jan. 1863	10 10 10 10 10 10 10 10 10 10	1 1 1 1 1 1 1 1	M M M M M M M M	2.50 2.50 2.87 2.87 3.00 3.00 3.00 3.00 3.00 3.00 3.00	per "	day.	<u>.</u>	July 1865 Jan. 1866 July 1866 July 1867 July 1867 July 1868 Jan. 1869 July 1869 Jan. 1870 July 1870 July 1870 July 1870	10 10 10 10 10 10 10 10 10 10 10	1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M	4.50 4.00 4.00 4.50 4.50 5.00 5.00 4.50 4.5	per ***	day.
Jan. 1864 July 1864 Jan. 1865	10 10 10	î .	M M M	3.50 4.50 4.50	66	44		July 1871 Jan. 1872 July 1872	10 10 10	1	M M M	4.50 4.50 4.50	64 66	66

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECT. ICUT—Continued.

FOREMEN, MOULDERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1873 July 1873 Jan. 1874 July 1874 July 1875 Jan. 1875 Jan. 1876 Jan. 1876 July 1876 July 1877 July 1877 July 1878 July 1878 July 1878 July 1878 July 1880 Jan. 1880 July 1880 July 1881 July 1881 July 1881	10 10 10 10 10 10 10 10 10 10 10 10 10 1	111111111111111111111111111111111111111	M M M M M M M M M M M M M M M M M M M	\$4.50 4.50 4.50 4.50 4.50 4.50 4.00 4.00	per day	July 1882 Jan. 1883 July 1883 Jan. 1884 July 1884 July 1885 Jan. 1886 July 1886 July 1886 July 1888 Jan. 1899 July 1889 July 1890 July 1890 July 1890	10 10 10 10 10 10 10 10 10 10 10 10 10 1	111111111111111111111111111111111111111	M M M M M M M M M M M M M M M M M M M	\$4.00 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3	per	day.

MACHINISTS.

Jan. 1853 July 1853	10 10	1	M M	2.00 1.621	per	day.	Jan. 1856– cone'd.	10 10 10	I I 1	M M M	1.87½ 2.00 2.25	per	11
g ary 1000	10	1 2	M	$1.87\frac{7}{2}$	4.4	46	`	10	1	M	2.50	44	44
	10	2	M	2.00	46	4.6	Average	10	14	м	1.771	"	66
Average	10	5	М	1.871	46	66							
		_	3.5	_	66	44	July 1856	10	4	M M	1.50	46	44
Jan. 1854	10	3	M	1.50 1.624	44	44	1	10 10	1	M	1. 58½ 1. 62½	. 18 .	44
i	10 10	1 1	M	1.66		**		10	ì	M	1. 833	4.6	44
	10	4	M	1.75	6.6	44		10	3	M	2.00	44	4.6
- 1	10	2	\mathbf{M}	1.871	4.6	44		10	1	М	2. 25	44	66
	10	1	M	2.00	66	66		10	1	М	2.50	**	
	10	1 1	M	2. 121		61	Amanana	10	12	м	1.811		66
	10	1	TAT	$2.16\frac{1}{3}$			A verage	10	14	141	1.015		
Average	10	14	\mathbf{M}	1.77	4.6	44	Jan. 1857	10	2	M	1.50	**	44
Ü				_				10	4	M	1.621		. 66
July 1854	10	2	M	1.50	11	16		10	3	M M	1.664	**	44
	10 10	2	M	1.87½ 2.00	44	66		10 10	3 2 2	M	1.834	+4	44
i	10	i	M	2.50	44	4.6	ļ	10	ĩ	M	2.00	6.6	44
	10		,,,,	2,00			[]	10	ī	M	2.25	44	44
Average	10	6	M	1.871	46	**		10	1	M	2.50		16
Jan. 1855	10	4	M	1.50	4.6	**	Average	10	16	M	1.771	88	41
	10	1	\mathbf{M}	1.581	-16	11					4 607	46	44
	10	1	M	1.66	44	44	July 1857	10	6	M M	1.623 1.663	66	44
	10 10	1 1	M	1.75	44	14		10	2	M	1.75	8.8	**
	10	i	M	1. 87	4.6	4.6		10	ĩ	M	1,871	46	44
	10	î	M	2. 50	44	44		10	î î	M	2.00	4.6	**
A	10	10	M	1.72				10	1	M	2.50	44	
Average				1.50	44	**	Average	10	15	M	1.75	66	is
July 1855	10 10	5 3	M	1.664	44	44			_				61
	10	2	M	1.75	44	44	Jan. 1858	10	2	M	1.50		16
	10	ī	M	1.874	4.6	6.6	li	10	2 2	M	1.62± 1.66±	66	44
	10	1	M	2. 25	44	44		10	î	M	1.87	6.6	
1	10	1	M	2.50	6.6	44		10	î	M	2.00	6.6	44
Average	10	13	M	1.74	41	66		10	ī	M	2.50	"	15
Jan. 1856	10	3	M	1.50		44	Average	10	9	М	1.771	46	65
	10	1	M	1.581	66	44	-				1 10	44	15
	10 10	1 3	M	1.62	66	64	July 1858	10	4	M M	1.50 1.62	14	44
- 1	10	2	M	1. 661 1. 75	44	64		10 10	2 2	M	1.66	66	64
		1					81		, –				

TETALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTION—Continued.

MACHINISTS-Continued.

				А	IAU	IIIMISI	s-Continue	и.					
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1858- conc'd.	10 10	1 1	M M	\$1.75 2.00	per	day.	Jan. 1864	10 10 10	6 1 5	M M M	\$1.83½ 1.87½ 2.00	per	day.
Average	10	10	М	1.631	4.6	44		10	2	M	2. 25	66	44
Jan. 1859	10 10	2 1	M M	$1.62\frac{1}{2}$ $1.66\frac{1}{2}$	6.6	44	Average	10	14	M	1.951	41	
Average	10	3	М	1.64	ũ	**	July 1864	10 10	2 3	M	$1.83\frac{1}{2}$ $1.87\frac{1}{2}$	46	"
July 1859	10 10 10 10	7 2 1 1	M M M	1. $62\frac{1}{3}$ 1. $66\frac{1}{3}$ 1. 75 2. 00	66 66	66 66 66		10 10 10 10 10	1 4 1 9	M M M M M	2. 00 2. 25 2. 37½ 2. 50 2. 62	* 66	66
A womn go	10	11	1 M	1.68		44	Average	10	21	м	2. 274	4.6	**
Average	10	5	M	1.621	44		Jan. 1865	10	1	м	1. 871	66	44
Jan. 1860	10 10 10 10 10	2 3 1 1	M M M M	1. 66½ 1. 75 2. 00 2. 50		44 44	Jan. 1003	10 10 10 10 10 10	1 1 2 4 3	M M M M	2. 00° 2. 37½ 2. 50° 2. 62 2. 75	66 66 66	16 16 11 11 •
Average	10	12	M	1.76	- 44	64		10	4	M	3.00	46	44
J uly 1860	10 10	5 2	M M	1.62 1 1.66 1	66	44	Average	10	16	M.	2. 623	6.6	46
	10 10 10	6 1 1	M M M	1.75° 2.00° 2.50°	66 66 46	16 66 16	July 1865	10 10 10 10	1 2 1 1	M M M M	$\begin{array}{c c} 1.87\frac{1}{2} \\ 2.00 \\ 2.12\frac{1}{2} \\ 2.37\frac{1}{2} \end{array}$	6 6 6 6 6 6	46 46 48
Average	10	15	M	1.761	44	4.6		10 10	3	M	2.62° 2.75	46	**
Jan. 1861	10 10 10 10 10	3 2 2 1 1	М М М	1. 62\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	66 14 66	14 14 16 16	Average	10	14 3	M M M	3.00 2.53½ 2.00	"	44
Average		9	M	1.80		44		10 10	2	M M	2. 25 2. 37½	66	6.6
July 1861	10 10 10 10	2 2 1 1	M M M	1. 66½ 1. 75 1. 87½ 2. 50	6.6	46 66 66 68		10 10 10 10 10	3 3 4 1 3	M M M M	2. 50 2. 62 2. 75 2. 87 3. 00	. 44	66 65 65 64 85
Average	10	6	М	1.861	- 64	44	Average	10	20	M	2.551		44
Jan. 1862	10 10 10 10	6 7 4 1	M M M M	1. 621 1. 661 1. 75 2. 50	44	6 6 6 6 6 6	July 1866	10 10 10 10 10	3 2 2 4 4	M M M M	2. 25 2. 37½ 2. 50 2. 62 2. 75	64 66 66	46 46 46
_Average	10	18	M	1.711	**	46		10	1 4	M	2. 87 3. 00	66	14
July 1862	10 10 10	5 5 3	M M M	1. 621 1. 661 1. 75	- ((66 66 66	Average	10	23	M	3. 25	**	44
Average	10	14	M	2.50		44	Jan. 1867	10 10	2	M	2. 25 2. 37±	"	44
Jan. 1863	10 10	3 1	M M	1. 624 1. 66	"	66 66		10 10 10	1 2 4	M M M	2, 50 2, 62 2, 75	44 44	46 66 66
A	10	1	M	1, 75	64	44		10 10 10	5 1 4	M M M	3. 00 3. 12 3. 25	46	.6
Average		6	M.	1.69	•	"	Average	10	20	М	2.831	**	44
July 1863	10 10 10 10 10	2 6 1 2 1	M M M M M	1. 669 1. 75 1. 839 2. 00 2. 25		66 61 66 66	July 1867	10 10 10 10 10	3 2 1 4 2	M M M M M	2. 00 2. 25 2. 37 2. 50 2. 62	6.6	24 44 44 44
▲verage		1 12		1.82	• "	66		10	5	M	2.75	44	46
17	509.	pt. 2-	<u>—6</u> ;	3									

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECT. ICUT—Continued.

MACHINISTS-Continued.

		1	1	1					1		1		
Payroli of—	Hours day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.
July 1867- conc'd.	10 10 10	6 1 3	M M M	\$3, 00 3, 12 3, 25	per "	day.	Jan. 1871- cone'd.	10 10	6 1	M M	\$3.00 3.25		day.
Average	10	27	M	2.691	44	44	Average	10	18	М	2.75	**	"
Jan. 1868	10 10 10 10	1 1 1 2 3	M M M M	2. 00 2. 25 2. 37 ¹ / ₂ 2. 62	64 64 65	6 E 6 E 6 E	July 1871	10 10 10 10	3 4 1 3	M M M M	2. 00 2. 25 2. 30 2. 50	11 11 11	66 66 66
	10 10 10 10	3 3 1 3	M M M M	2.75 3.00 3.12 3.25	6 6 6 4 6 6	44		10 10 10 10	1 3 2 2 5 1	M M M M	2. 75 2. 87 3. 00 3. 25	11	44 64 64
Average	10	15	M	2.80	**	44	Average	10	21	M	2.583		**
July 1868	10 10 10 10 10 10 10	1 1 4 1 4 2 1 3	M M M M M M M	2.00 2.37½ 2.50 2.62 2.75 3.00 3.12 3.25	64 64 64 61 61 64 65	66 66 66 66 66 66 66 66 66 66 66 66 66	Jan. 1872	10 10 10 10 10 10 10	3 2 1 3 2 2 5	M M M M M M	2. 00 2. 25 2. 30 2. 50 2. 75 2. 87 3. 00 3. 25	44 46 46 46 46	44 44 44 44 44 44
Average	10	17	M	2.751	46	44	Average	10	19	М	2.62	**	44
Jan. 1869	10 10 10 10 10 10 10	1 1 1 3 2 1 3	M M M M M M M	2.00 2.37½ 2.50 2.62 2.75 3.00 3.12 3.25	64 64 64 64 66 64 64	64 64 64 64 66 66 66 66	July 1872	10 10 10 10 10 10 10	1 1 2 6 2 4 2	M M M M M M	2. 00 2. 25 2. 50 2. 75 2. 87 3. 00 3. 25	64 64 66 66 64 66	£4 £4 £4 £6 £8 £8
Average	10	13	М	2. 81 ½	16	64	Average	10	18	M	2.773	11	44
July 1869	10 10 10 10 10 10	4 6 2 5 2 5 2	M M M M M M	2. 25 2. 50 2. 62 2. 75 2. 87 3. 00 3. 25	44 44 41 41 44	46 46 46 44 44 44	Jan. 1873	10 10 10 10 10 10	1 2 2 2 2 4 2	M M M M M	2, 00 2, 50 2, 75 2, 87 3, 00 3, 25	66 65 66 66 66	46 46 46 46 46 46
Average	10	26	м	2. 70	44	44	Average		13	M	2.82½ 2.00	66	14
Jan. 1870	10 10 10 10 10 10	1 1 6 4 1 2	M M M M M	2. 00 2. 25 2. 50 2. 75 2. 80 2. 87	44 44 44 14 14	64 66 66 66 66	July 1873	10 10 10 10 10 10	1 2 3 1 5 2	M M M M M	2. 50 2. 75 2. 75 2. 87 3. 00 3. 25	66 61 61	11
	10 10	3	M M	3. 00 3. 25	66	£6 £6	Average	10	14	M	2, 83	61	"
Average	10	19	M	2.681	44	"	Jan. 1874	10 10 10	1 1 3	M M M	2.00 2.25 2.50	£4 £4	66 64 64
July 1870	10 10 10 10 10	1 1 2 2 2 2	M M M M M	2. 00 2. 25 2. 50 2. 75 2. 87	1 L 4 L 4 L	61 61 61		10 10 10 10	3 1 4 2	M M M M	2. 75 2. 87 3. 00 3. 25	44	44
	10 10	3 1	M	3.00 3.25	44	"	Average	10	15	M	2.76	"	
Average	10	12	М	2. 73	44	••	July 1874	10 10 10	$\begin{bmatrix} 1 \\ 2 \\ 2 \end{bmatrix}$	M M M	$\frac{2.50}{2.75}$	11	11 11
Jan. 1871	10 10 10 10	1 1 4 3 2	M M M M	2. 00 2. 30 2. 50 2. 75 2. 87	44 44 44	66 66 66 66	A	10 10 10	$\frac{1}{2}$	M M M	2. 87 3. 00 3. 25 2. 781	16	14
	10	4	187	2.01			Average	10	10 i	TAT	4. 109		

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

MACHINISTS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per, day,	Different employés.	Sex.	Rate	o of	wages
Jan. 1875	10	2	M	\$2.00	per	day.	July 1879-	10	5	м	\$2.50	per	day.
	10	2	M	2.50 2.75	44	66	cone'd.	10	1	M	2.75	41	"
-	10 10	1	M	3.00	44	11	Average	10	15	M	2. 311		4.6
	10	1	M	3. 25		**							64
Average	10	7	M	2.57	1.6	4.4	Jan. 1880	10 10	8	M M	2.00 2.25	66	44
July 1875	10	1	М	2, 00	16	44	1	10	5	M	2.50	**	11
July 1010	10	1	M	2. 25	**	16	Ï	10	1	M	2.75	•••	,11
-	10	1 3	M	2. 62 2. 75		44	Average	10	16	М	2. 33	"	44
1	10	1	M	3.00	66	44	T-1- 1000	7.0		3.4	5.00	"	16
Average	10	7	M	2.59		**	July 1880	10 10	2 4	M	2.00 2.25	"	44
_]				44	ļ	10	10	M	2.50	11	"
Jan. 1876	10 10	1 2	M	2.00	4.6	16		10	1	M	2.75		**
-	10	2	M	2, 62	6.6	44	Average	10	17	м	2.391	6.6	4.6
	10	3 1	M	2.75 3.00	66	44	Jan. 1881	10	4	м	2.00	66	
h	10		IVI	3.00			9 KH. 1861	10	5	M	2. 25	11	**
Average	10	9	M	2.55	"	44	1	10	7 2	M	2.50	44	44
July 1876	10	2	M	2, 00	6.6	44		10 10	1	M	2. 75 3. 00	66	44
D 413 1010	10	1	M	2. 25	44	15			10	34		- 66	4.6
	10 10	1	M	2.50 2.62	44	66	Average	10	19	M	2.38		
	10	1	M	2.70	66	44	July 1881	10	, 6	M	2.00	**	11
	10 10	, 1	M	2. 75	44	44		10 10	' 9 14	M	2. 25 2. 50	44	44
	10							10	1	M	2.75	44	4.6
Average	10	10	M	2.53	**	**		10	2	М	3.00	. "	4.6
Jan. 1877	10	2	M	2.00	11	**	Average	10	32	M	2.371	**	£ 6
	10 10	2	M	2.50 2.62	"	14	Jan. 1882	10	8	M	2.00	66	4.6
	10	4	M	2.75	4.6	44	0 1121 1002	10	10	M	2. 25		44
Average	10	9	M	2.51		**		10 10	111	M	2.50 3.00		44
			ł			44			22		9 261	,	
July 1877	10	4 2	M	2.00 2.25	41	**	Average	10	33	М	2.363		
	10	2	M	2.50	44	44	July 1882	10	6	M	2.00		44
	10	1 4	M	2. 62 2. 75	44	66		10	. 8	M	2. 25 2. 50	66	14
	10							10	1	l M	2.62	**	66
Average	10	13	M	2.39	1.			10	3 2	M M	2.75	6.6	66
Jan. 1878	10	9	м	2.00	44	44	1		l			. "	64
	10	2	M	2.25		16	Average	10	31	м	2.40	14	1.4
	10	3 1	M	2. 62	44	6.4	Jan. 1883	10.	- 6	M	2.00	44	44
	10	4	M	2.75	4.6	44		10 10	5 10	M	2. 25	* 84	16
Average	10	19	M	2, 291		44		10	1	M	2, 62	6.6	
_	i	1	1	1 1	•	**		10	3	M	2.75	13	
July 1878	10 10	$\frac{1}{3}$	M	2.00	44	**		10	2	M.	3.00		
	10	4	M	2.50	11	44	Average	10	27	M	2.41	4.6	**
	10	2	M	2, 75	. "		July 1883	10	4	М	2.00	64	44
Average	10	10	M	2. 42	"	44	0 41, 1000	10	4	M	2. 25	46	44
Jan. 1879	10		м	2.00	. 44	66		10	11	M	2.50 2.62	4.6	44
2 am. 10(3	10	1 7	M	2.25	44	66		10	2	M	2.75	11	44
	10	6	M	2.50 2.75	14	44		10	2	М	3.00	. "	••
	10	1	M				Average	10	24	М	2. 44	"	44
A.verage	10	15	M	2.36	* "	66	Jan. 1884	10	3	м	2.00	46	44
July 1879	10	3	M	2.00	44	44	0 am. 1004	10	2	M	2. 25	44	44
	10	1 6	M	2. 25	46	44	Įį.	10	8	M	2.50	••	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECT-ICUT—Continued.

MACHINISTS-Concluded.

Payroll of -	Hours per day.	Different employés	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wagee
Jan. 1884– conc'd.	10 10	3 2	M M	\$2.75 3 00		day.	Jan. 1888- conc'd.	10 10 10	12 5 2	M M M	\$2,50 2,75 3,00	per	day.
Average	10	19	м	2. 48		46	Amarana						
July 1884	10	3	M	2.00	61	66	Average	10	28	М	2. 48		66
	10 10	1 8	M	2, 25	66	44	July 1888	10 10	4 5	M	2.00 2.25	44	66
	10	3 2	М	2.75	44	46		10 10	1 14	M M	2.874 2.50	66	44
Average	10	17	М	2.50	44	86		10 10	5 1	M	2.75 3.00	4	44
Jan . 1885	10 10	2	M M	2. 00 2. 25	44	66	Average	10	30 -	м	2.443	££	**
	10	*	M	2.50	66	61	Jan. 1889	10	2	М	2.00	66	64
	10	2	M	2.75 3.00	64	66		10 10	3 1	M	2. 25 2. 37 ₃	4.5	44
Average	10	16	M	2. 53	4.4	41		10 10	8 5	M M	2.50° 2.75	66	44
July 1585	10	3	м	2.00	66	46		10	ĭ	M	3.00	44	**
	10 10	2	M	2. 25 2. 50	66	66	Average	10	20	M	2. 491	66	4.6
	10	3 2	М	2.75	46	66	July 1889	10	2	М	2.00	66	**
	10		!	3. 00				10 10	5 8	M	2. 25 2. 50	44	46
Average	10	15	М	2. 481	44	66		10 10	5	M	2, 75	64	46
Jan. 1886	10 10	7 2 7	\overline{M}	2.00 2.25	44	66	Average	10	21	м	2. 473	11	**
	10 10	7 3	М	2. 50 2. 75	66	66	Jan. 1890	10	1	M	2.00	6.6	44
	10	2	M	3, 00	46	44	9au. 1939	10	3	M	2, 25	46	56
Average	10	21	M	2. 391	4 6	44		10	10	M	2, 50 2, 75	66	44
July 1886	10	5	M	2, 00	44	44		10	1	M [3.00	66	44
1	10 10	2 7	М	2, 25 2, 50	4.4	66	Averaçe	10	19	М	2. 511	44	44
	10	2	M	2.75 3.00	14	66	July 1890	10	2	TUE	2.00	66	66
Average	10	19	M	2. 431	6.6	44		10	11	M M	2 25 2 50 2 75	54 66	66
Jan. 1887	10	4	М	2, (4)	66	66		10	2		3.00	44	66
	10	3 7	M M	2. 25 2. 50	86	46	Average	10	23	М	2, 50	**	44
i	10	3	M	2.75	11	66	Jan. 1891	10	2	M	2.00	6.6	66
	10	2	M	3.00 •			1	10	3	M M	2, 25 2, 50	6 6 E 6	44
A rerage	10	19	M	2. 441	6.6	46	;	10	4 2	M	2,75 $3,00$	66	44
July 1457	10	$\frac{2}{7}$.	M	2.00 2.25	66	66 ·	Average	10	20	м	2. 514	ь	п
	10	1 '	M	274	46 66	16	1					4.5	45
	10	4	M	2.50° 2.75	44	45	July 1891	10	5 5	M M	2. 00 2. 25	44	45
1	10	2	м	3.00			.	10	19 5	M M	2, 50 2, 75	44	46
Average	10	26	М	2. 46 <u>1</u>	44	66	_	10	2	Й	3.00	45	56
Jan. 1888	10 10	2 6	M M	2, 00 2, 25	44	66	Average	10	36	М	2. 46	46	44
	10	Ĭ		2. 37½	66	4.6	,			i			
				ж	ACE	IINIST	S' HELPERS						
July 1853	10 10	1	M M	1. 12½ 1. 25	per (day.	Jan. 1854	10 10	1 1	M M	1. 12½ j 1. 25 1. 374	er (lay.

2 M , 1.18 "

Average

10 |

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10

3 M L

Average

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

MACHINISTS' HELPERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1854	10	1	M	\$1.371	per	day.	July 1861	10. 10	6	M M	\$1.00 1.25	per	day.
Jan. 1855	_10 _10	2 1	M	1, 00 1, 37½	44	84		10 10	2 7	M	1, 33 1, 50	66	46
Average	10	3	М	1.121	44	41	Average	10	16	м	1. 271	46	44
Jul y 1855	10	1	М	1.00	44	**	Jan. 1862	10 10	8	M M	1.00 1.12	44	44
Jan. 1856	10 10	2 2	M M	1.00 1.25	66	44		10 10	5 3	M M	1, 25 1, 33	44	46
Average	10	4	М	1, 121	++	44	Average	10	26	M	1.50	44	44
July 1856	10 10	1	M M	1.00 1.25	66	**	July 1862	10	4	м	1.00	4.6	44
Average	10	2	М	1. 121	14	44		10 10 10	2 2 5	M M M	1. 25 1. 33 1. 50	4.6	66 66
Jan. 1857	10 10	4 4	M M	1.00 1.25	44	44	Average	10	13	M	1. 28	**	44
Average	10	8	М	1. 124	64	**	Јар. 1863	10	1	м	1.33	44	44
July 1857	10 10	3	M	1.00 1.16½	46	66 66	Average	10	3	M	1.50		
	10	3	M	1, 25 1, 371	44	44	July 1863	10	1	м	1. 121		
Average	10	9	M	1. 20	44	**	Jan. 1864	10	1	M	1. 33	44	44
Jan. 1858	10 10	2	M	1.00 1,161	44	46		10 10	5	M	1.50 1.623	"	44
	10	1 2	M	1.25 1.37	66	44	Average	10	7	м	1. 493	s £	44
Average	10	6	M	1.194	**	44	July 1864	10	1	M	1.00	46	11/
July 1858	10 10	1	M M	1.16½ 1.25	44	44		10 10 10	1 1	M M M	1. 62½ 1. 66½ 1. 75	44	14 H
	10	2	M	1.371	44	**	Average	10	4	М	1. 51	* (1	8.6
Average		4	M	1. 29			Jan. 1865	10	1	М	1 00	16	44
Jan. 1859	10 10 10	$\frac{1}{2}$	M M M	1.16½ 1.25 1.37½	44 44	66 66 ,		10	3	M M	1.50 1.75	4.6	4.1
Average		4	M	1. 29	44	**	Average	1	5	M	155	5.6	46
July 1859	10	3	м	1.00	44	66	July 1865	10 10	1 1	M	1. 08½ 1. 75	44	44
	10	2 I	M	1. 25	66	11	Average	10	2	M	1. 413	**	44
4 —	10	3	M	1. 37	66	44	Jan. 1866	10 10	2	M	1.00 1.25	64	44
Average		9	M	1.21	66		ľ	10 10	1 13	M	1.50	44	44
Jan. 1860	10 10	3 1	M M	1.00 1.25	**	44		- -	7		1.43		44
	10 10	1 1	M	1. 33 1. 37½	16	64	Average	1		M		66	"
Average	10	6	M	1. 16	6.6	64	July 1866	10 10	1	M	1. 123		44
July 1860	10	1	м	1.00	44	44		10 10	1 3	M	1.50 1.75	44	**
•	10	2	M	1. 25 1. 33	46	44		10	1	M	1.874		
Average		4	M	1. 201	66	44	Average		7	M	1.59	46	44
Jan. 1861	10	2 5	M M	1. 37½ 1. 50	14	44	Jan. 1867	10 10 10	. 1 3 1	M M M	1.00 1.75 1.87	44	16
Average		7	M	1.46	44	44	Average		5	м	1. 62		44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

MACHINISTS' HELPERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wag	Çesi.
July 1867	10 10	2 5	M M	\$1. 66½ pe 1. 75	r day.	Jan. 1877	· 10	1 4	M M	\$1.08½ 1.50	per day	у.
Average	10	7	М	1.721 '	4 44	Average	10	5	M	1.411	re 44	
Jan. 1868	10 10	1 1	M M	1.66½ 1.75		July 1877	10 10	2 1	M M	1.50 1.75	66 66 65 66	
Average	10	2	M	1.701 '	44	Average	10	3	M,	1.581	44 44	
July 1868	10 10	2 1	M M	1.50 ° 1.66½ °		Jan. 1878	10 10	2 3	M M	1.50 1.75	11 11	,
Average	10	3	M	1.553 '	4 44	Average	10	5	М	1.65	66 66	
Jan. 1869	10 10	1 1	M. M.	1.62½ 1.66½		July 1878	10 10 10	1 1 3	M M M	1. 08½ 1. 50 1. 75	11 44	
Average	10	2	M	1.641 '	4 44	Average	10	5	<u></u>	1.564	** **	
July 1869	10 10 10	2 1 1	M M M	1. 08½ 1. 62½ 1. 75	4 44	Jan. 1879	10 10	2 1	M M	1. 68½ 1. 50	11 41_	
Average	10	4	M	1.384			10	1	M	1. 75	11 ET	
Jan. 1870	10	1	M	1.081		Average	10	4	М	1.351		
	10 10 10 10	1 1 1	M M M	1.33 1.50 1.75 1.87½	6 66	July 1879	10 10 10 10	5 1 1 1	M M M	1. 08 1. 50 1. 75		
Average	10	5	М	1.51 '	4 44	Average	10	8	M	1. 131	11 11	
July 1870	10	1	M	1.081 '		Jan. 1880	10	2	M	. 95	66 84 64 86	
Jan. 1871	10 10	2 2	M M	1.08½ 1.75		4.	10 10 10	1 3 4	M M M	1.00 1.08½ 1.50	11 46	
Average	10	4	М	1.414 '	4 44		10	3	M	1.75	66 46	
J uly 1871	10 10	1 1	<u>М</u> М	1.08½ ' 1.75		Average July 1880	10	13 1	M	1.00	15 45	
Average	10	2	М	1.411	4 44	0 200	10 10	3 2	M	1. 08½ 1. 25	11 14	
Jan. 1873 July 1873	10 10	1 2	M M	1.081 4 1.081 4			10 10	2	M M	1.50 1.75	11 46	•
Jan. 1874	10 10	2 1	M M	1.081 1.50		Average	. 10	12	М	1. 351		
Average	10	3	M	1. 224	6 44	Jan. 1881	10 10	2	M	. 95 ₁	46	
J uly 1874	10 10	1 1	M M	1.08½ 4 1.50			10 10	5 2	M M	1.50	11 16	
Average	10		М	1. 291	6 66	Average	10	10	M	1.411		
Jan. 1875	10 10	1 1	M M	1.50 · 1.66½ ·		J uly 1881	10 10 10	4 1 2	M M M	. 95 1. 25 1. 50	11 11	
Average	10	2	M	1.581	• ••		10	2	M	1.75	44 44	
Jul y 1875	10	1	M	1.75	6 66	Average	10	9	M	1. 281	14 44	
J an. 1876	10 10	1 1	M M	1.50 4 1.75		Jan. 1882	10 10	2	M M	. 95 1, 081	46 46 46 46	
Average	10	2	м	1.621	4 64		10 10	5 1	M	1.50 1.75	46 46	
July 1876	10	1	M	1.081	. 44	Average	10	10	М	1.33	16`#	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

MACHINISTS' HELPERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1882	10 10 10 10	3 4 2 3	M M M M	\$0.95 1.08 1 1.50 1.75	per	day.	July 1887	10 [†]	1 4 4	M M M	\$1.00 1.50 1.75	per "	day.
Average	10	12	M	1.281	44	44	Average		9	M	1.55½	66	**
Jan. 1883	10 10	4 2	M M	.95 1.08	44	44	Jan. 1888	10 10 10	$\begin{array}{c} 1\\3\\1\end{array}$	M M M	1, 25 1, 50 1, 75	11	16
	10 10	4 3	M	1.50	44	11	A.verage	10	5		1.50	44	46
Average	10	13	M	1.321	46	**	July 1888	10	2	M	. 831	44	16
July 1883	10 10 10 10	1 2 2 5	M M M M	. 95 1. 08½ 1. 50 1. 75	66 66	46		10 10 10 10 10	1 1 1 3 1	M M M M	. 96 1. 08½ 1. 25 1. 50 1. 75	66	44
Average	10	10	М	1.481	**	44	A verago	10	9	м	1, 243	**	**
Jan. 1884	10 10 10 10	2 3 2 4	M M M M	. 95 1. 084 1. 50 1. 75	64 16 16	46 46 48 48	Jan. 1889	10 10 10 10	3 1 2 1	M M M M	$1.83\frac{1}{2}$ $1.08\frac{1}{2}$ 1.50 1.75	**	46
Average	10	11	М	1, 38	64	44	Average	10	7	м	1. 19	6.6	46
July 1884	10 10 10 10	3 1 3 4	M M M M	1. 081 1. 50 1. 75	44	66 68 68	July 1889	10 10 10 10	2 2 3 1	M M M M	. 83½ . 96 1. 50 1. 75	44 14 44	44
Average	10	11	M	1.401	44	44	Average		8	M	1. 23	* *	44
Jan. 1885	10 10 10 10	2 2 2 5 5	M M M M	. 95 1. 08½ 1. 50 1. 75	11	44	Jan. 1890	10 10 10, 10,	1 3 2 2	M M M	. 83½ . 96 1. 50 1. 75	**	14 14 14
Average July 1885	10	11	M. M	1.44	44	44	Average	10	8	М	1, 271	**	44
u ay 1000	10 10 10	2 2 4	M M M	1. 08½ 1. 50 1. 75	66	44	July 1890	10° 10° 10	2 1 4	M M M	. 96 1. 08½ 1. 50	**	** **
Average	10	9	M	1.46	6.6	44		10	I	M	1.871		44
Jan. 1886	10 10 10	1 3 3	M M M	1.08½ 1.50 1.75	14	44	Average Jan. 1891	10	8	M	1.36	"	44
Average	10	7	М	1. 55	44	4.6		10 10	3 2	M	1.081		44
July 1886	10 10 10	1 3 3	M M M	1. 08½ 1. 50 1. 75	6.6 6.6	14 14	Average		6	M	1. 204	"	44
Average		7	M	1. 55	6.6	44	July 1891	10	1	M	.75	46	44
Jan. 1887	10 10	4 4	M M	1.50 1.75	6 B 6 G	44		10 10 10	2 4 2	M M M	1. 08 1 1. 50 1. 75	"	46
Average	10	8		1.621	44	**	Average	10	10	М	1.321	**	4.6

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECT. ICUT—Continued.

MOULDERS.

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Payroll of-	lours per day.	Different employés	Se	x.	Rate of	wa	ges.		Payroll of—	Γ ₁		Differe employ		Sex.	F	Rate o	of w	age	38.
Jan. 1854 July 1854	10 10 10	1 1 1	1	MI A	1.75 pe		ay.		July 1866		10 10 10		2 1 1 1	M M M	2	. 00 1 . 25 . 50	per	day	r.
Average	 -	2	_}_	M	1.017			1			10 10		2 2	M	2	. 75° . 80	**	11 16	
July 1859	1	j 2	-	м	1.621		16	-		1	10 10		$\frac{4}{2}$	M		. 00 . 25	11	6 E	
	10		- -	M	2.00	46	14		Averag	ge	10		15	М	2	. 73½	"	st	
Average	1		3	M	1.75	11	44		Jan. 186	37	10 10		4	M M		2. 00	44	16	
Jan. 1860	1	i	1	M	1.621	41			Ü		10		1	M	1 2	. 66½ . 75	64	46	
July 1860	10		1	M	1. 62½ 2. 00	66	44		' -		10 10 10		$\frac{2}{1}$	M	11	3. 00 3. 25	t 1.	15	
Averag	e 1	0	2	М	1.811	44	64		Avera	ge	10	-	11	М		2.56	41	**	
Jan. 186	1 1	0	1	M	2,00	**	+4		July 186		10		5	M		2.00	14	46	
J uly 186	1 1	0	1	M	1.62½ 2.00	66	66				10 10	1	5	M		2.50 2.75	- 11	14	
Averag		0	2	м	1.81	46	44				10 10		1	M		3.00 - 3.25	- 11	41	
Jan. 186	2 1	.0	1	м		66	44		Avera	ge	10		14	М		2.50	61	4	ı
July 186		.0	1	M		44			Jan. 18	68	10 10		3 2			2.00 2.50	11		4
Jan. 186		0	1	M		44					10)	2 1	M		2.75 3.00			ı
Averag	ge 1	.0	2	М	1.931		44				10		1	-		3. 25	- '*		14
July 186		0	2	M M		44	44		Avera	ge			9	1	.	2.53			
		0	ī	М		44	4.6		July 18	68	1 10	0	1	. 1	1	2.00 2.25 2.50	41	6	6 L
Averag	ge 1	.0	5	М		16	44				10	0	4 2 1	ı D	1	2.75 3.00			64 16
Jan. 186		0	1	M	2.00	6.6	6.6 6.6				B 10	_!		_!	1	2. 53	_		14
		.0	1	_M	_	44	"		Aver	_	٦.		1		Ì	2.00	, ,		££
Averag	´ -	0	3	M	1	44	44		Jan. 18	508	Î	0	:	2 1	NI I	2, 50 2, 62	<u>.</u>	4 6	11 11
July 186	1	0	1	M	2.50	66	54				l î	0 .		1 1 2 1	AT I	$\begin{array}{c} 2.66 \\ 2.75 \end{array}$		٠.	15 15
	1		1	M		4.6	44				i				VI.	3,00	_	44	**
Averag	е 1	0	4	М	2.47	44	66		Aver	ag	7	.0	10	-	Δſ	2.68	,	11	11
Jan. 1868	5 1		1 1	M	2, 50	44	66		July 1	869	1	0		2]	MI MI MI	2.00 2.25 2.50	5	44	16
	1		1	M M	2. 621 2. 75	44	44				1	0		3	M M	2.75	5	61 61	16
Averag	e 1	0	4	М	2.47	**	44				[]	0		1	Д Й	3. 23	5	**	46
July 1865	10		1 1	M M	2.00 2.50	44	44					0		!-	M	2.6	_	11	
	10)]	1	M	2. 621 2. 75	44	44		Jan. 1	_		10			M	2.0		11	11
Averag	е 10) .	4	м	2.47	44	44		Jan. 1	~44	1 1	0		1	M	2.2	0	**	
Jan. 1866	10		1 3	M M	1.87½ 2.00	66	"		1		1	0		1	M	2.7 2.8 3.0	i)	11	•
	10)	1 3	M	2. 25 2. 50	44	44		-			0			M M	3.5		64	4
	10)	1	M	3. 00 3. 25	44	44		Aver		1	0	1	9	M	2.6	i2]	44	
Average	B: 10	1	Q I	M	2. 381	44	**		July 18	70	1 1				M M	2.0		44	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTIOUT—Continued.

MOULDERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.
July 1870- conc'd.	10 10 10 10 10	6 1 1 7 2	M M M M M	\$2.50 2.75 2.85 3.00 3.25	per	44	July 1874	10 10 10 10	3 2 1 3	M M M M	\$2.00 2.75 2.85 3.00	44	day. "
	10	1	M	3, 50	44	66	Average	10	. 9	М.	2.593		46
Average		25	M	2.641		46	Jan. 1875	10 10	2 1	M M	2, 00 2, 25	4.1	44
Jan. 1871	10 10	5	M	2.00	66	44		10 10	2 1	M	2.75 2.85	* *	
	10 10	1	M	2. 50	66	44		10	2	M	3.00	1.6	**
	10 10	5	M M M	2, 85 3, 00 3, 25	**	66	Average	10	. 8	M	2.57	4.6	4.6
	10	15	M	2. 57	44	44	July 1875	10, 10	2	M	2.00 2.25	66	44
Average	10	15		2.019			1	10	i	M	2. 50		1.4
July 1871	10	6	M	2.00	44	66		10	. 2	M	2.75	14.	44
,,	10 10	$\frac{1}{2}$	M	2. 25 2. 50	44	44	ŀ	10 10	1	M M	2.85 3.00	66	66 '
	10 10	1 1	M	2.75 2.85	44	66	Average	10	8	М	2.51	44	66
	10 10	8	M	3.00 3.25	66	44	Jan. 1876	10	3	м	2,00	14	4.6
			·	·			0 an. 1010	10	2	M	2, 50	4.4	4.6
Average	10	20	. M.	2.60	4.6	44		10	3 1	M	2. 75 2. 85	14	44
Jan. 1872	10	3	M	2.00	46	44		10	î	M	3.00	**	44
	10 10	3	M	2. 25 2. 50	44	44	Average	10	10	M	2. 51	41	**
	:10 10	1 1	M	2.75 2.85	66	44	July 1876	10	3	м	2.00	4.6	64
	10	5	M	3, 00	66	66	"	10	2 2	M	2.50	44	4.6
	-10	2	M	3. 25	••	••	il	10	1	M	2.75 2.85	11	4.6
Average	10	16	M	2, 68	44			10	ī	M	3.00		* *
July 1872	10 10	3 1	M	2.00 2.25	44	44	Average	10	9	M	2.483	4.6	44
	10	2	M	2.50	66	66	Jan. 1877	10	1	M	2.00	**	44
	10	2	M	2.75	6.6	66		10	2	M	2. 25 2. 50	64	66
	-10	1 1	M	2.85 3.00	**	44		10 10	3 1	M	2.75	6.6	4.6
	10 10	5	75. 00	3.25	66	44		10	ī	м	2. 85	4.4	14
Average	10	15	M	2. 65	14	64	Average	_10	8	М	2.45	"	44
Jan. 1873	10	3	M	2.00	44	44	July 1877	10	1	M	2.00		44
***	10	1	M	2. 25	46	66		10 10	2 3	M	2. 25 2. 50	6.	66
	10 10	2	M	2.50 2.75	4.4	44		10	1	M	2.75	6.6	4.6
	10 10	1 3	M	2.85 3.00	44	44	Average	10	7	M	2. 394	- "	64
	10	i	M	3. 25	6.6	44	Jan. 1878	10	1	M	2.00	46	6.6
Average	10	12	M	2, 59	4.6	46	1 9411. 1910	10	2	M	2.25	6.6	66
			м	2.00	"	44		10 10	6	M	2. 50	44	44
J uly 1873	10	3	M	2. 25	4.6	44			-			. 16	4.6
	10	2		2. 75 2. 85	44	44	Average	10	10	M	2. 42	Ē	
	10	2	M	3.00	4.6	44	July 1878	10	2	M	2.00	11	46
	10	1		3. 25	**	44		10 10	1	M M	2. 25 2. 50	44	64
Average	10	10		2. 58		44	Average	10	4	M	2.18	**	4.6
Jan. 1874	10	3		2.00	66	44			2	M	2.00	44	44
	10	2		2.75	44	66	Jan. 1879	10	2	M	2. 25	66	44
	10	3		3.00	44	66		10	. 1	М	2.50	- "	**
_ Average	10	9	M	2, 59	"	**	Average	10	5	М	2. 20	64	64

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECT-ICUT—Continued.

MOULDERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages,
July 1879	10 10 10	5 1 2	M M M	\$2.00 2.25 2.50	per	day.	Jan. 1885	10 10 10	3 2 1	M M M	\$2. 25 2. 50 2. 75	per	day.
Average	10	8	М	2. 15 1	**	66	Average	10	6	M.	2.411	66	44
Jan. 1880	10 10 10	2 1 3	M M M	2. 00 2. 25 2. 50	66 66	44	July 1885	10 10 10 10	1 7 3 1	M M M	2.00 2.25 2.50 2.75	65 65	64 64 64
Average	10	6	M eds.	2. 29	64	46	Average	l	12	M	2. 331	14	"
July 1880	10 10	5 1	M M	2. 00 2. 50	44	44	Jan. 1886	10	1	M	2. 00 2. 25	46	**
Average	10	6	М	2.083	**	44		10 10 10	3 5 1	M M M	2. 25 2. 50 2. 75	16	"
Jan. 1881	10 10 10 10	4 2 2 1	М М И М	2. 00 2. 25 2. 50 2. 75	44	46 46 46	Average July 1886	10	10	M	2. 40 2. 25	**	44
Average	10	9	Ж	2. 25	4.	46		10 10 10	2 4 1	M M M	2. 40 2. 50 2. 75	44	44
July 1881	10 10 10	2 3 2	M M M	2.00 2.50 2.75	64 64	66 66	Average	10	12	М	2.40	64	44
Average	10	7	М	2.43	**	44	Jan. 1887	10 10 10	1 2 5	M M M	2. 25 2. 40 2. 50	66 66	44 44
Jan. 1882	10 10 10	2 3 3 3	M M M M	2. 00 2. 25 2. 50 2. 75	66 66	65 46 46	Average	10	9	M	2. 75	**	**
Average	10	11	M.	2.41	**		July 1887	10 10 10	3 2 2 6	M M M	2, 00 2, 25 2, 50-	66 66	66 15 66
July 1882	10 10 10 10	$\frac{1}{2}$	M M M	2. 00 2. 25 2. 50 2. 75	66 66	44 44 44	Average	10	13	M	2. 75 2. 381	**	**
Average	10	13	Л	2 48	14	"	Jan. 1888	10 10 10	3 1 5	M M M	2. 00 2. 25 2. 50	44	**
Jan. 1883	10 10 10	2 2 2	M M	2.00 2.25 2.50	66 66	**	Average	10	10	м	2. 87½ 2. 36½	**	**
Average	10	10	M	2. 75	**	**	July 1888	10 10	3	M M	2.00 2 25	**	**
July 1883	10 10 10	2 1 5	M M	2. 00 2. 25 2. 50	6 6 6 6	44 44		10 10 10	3 1 1	M M M	2. 75 2. 87 <u>1</u> 2. 87 <u>1</u>	**	**
.	10	2	_Т	2.75	44	**	Average	10	9	М	2. 37½	44	64
Average Jan. 1884	10 10 10	10 2 1	M M M	2. 42½ 2. 00 2. 25 2. 50	44	44 66 41	Jan. 1889	10 10 10 10 10	2 1 2 1	M M M M	2. 00 2. 25 2. 50 2. 75 2. 87	44	66 66 66
Average	10	9	<u>л</u> л	2.75	44	46	Av erage	10	7	м	2.41	14	**
July 1884	10 10 10	1 2 5	M M M	2. 00 2. 25 2. 50	44 44 48	66 66	July 1889	10 10 10 10	2 1 2 1 1	M M M M	2.90 2.25 2.50 2.75	66 66	44 44 44
Average	10	8	M	2. 371	**	**	Average	10		M	2. 87	46	44

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECT-ICUT-Continued.

MOULDERS -- Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1890	10 10 10 10	2 3 2 1	M M M M	\$2.00 per day. 2.25 2.50 2.87½	Jan. 1891	10 10 - 10 10	2 3 1	M M M M	\$2.00 per day. 2.50 " " 2.62½ " " 2.87½ " "
∆ verage	10	8	M	2.33 " "	Average	10	7	М	2.43 " "
J uly 1890	10 10 10 10 10	, 2 3 1 4 1	M M M M M	2. 00 " " 2. 25 " " 2. 37½ " " 4 2. 50 " " 4 2. 87½ " " 4	July 1891	10 10 10 10 10	2 I 1 8 1	M M M M M	2. 00 " " " 2. 25 " " " 2. 37½ " " " 2. 50 " " " 2. 87½ " " "
Average	10	11	М	2.361 " "	Average	10	13	м	2.421 " "
		I		MOULDER	S' HELPER	s.		·	,
Jan. 1854	10 10	4 3	M M	1.00 per day. 1.25 " "	July 1862	10 10 10 10	1 2 1 3	M M M	1. 12½ per day. 1. 25 " " 1. 37½ " "
Average July 1854	10	2	м	1.00 " "	Average		7	м	1.351
Daily 1002	10 10	1	M M	1. 12½ " " 1. 33½ " "	Jan. 1863	10	1 2	M	1. 12½ " " 1. 25 " "
Average	1	4	M	1.111 " "	1	10	2	M	1. 37½ " " 1. 50 " "
July 1859	10 10 10 10	2 3 1	M M M	1. 00 " " 1. 12½ " " 1. 25 " " 1. 37½ " "	Average		6	М	1.311 " "
Average	10	12	M	1.50 " "	July 1863	10 10 10	: 1 2 2	M M M	1.00 " " 1.25 " " 1.37½ " "
Jan. 1860	10 10 10	1 1 4	M M M	1. 00 " " 1. 12½ " " 1. 25 " "	Average	10	5	M M	1. 25 " " 1. 12½ " "
Average	10	7	M	1.371 " "	Jan. 1864	10 10 10	6 2 1	M M M	1. 25 1. 37½ 1. 50
July 1860	10 10 10	2 1 5	M M M	1. 00 " " " 1. 12½ " " " 1. 25 " " "	A verage	10	11	M	1.75 " "
∆verage	10	10	M	1. 37½ " "	July 1864	10 10 10	1 1 5	M M M	1. 25 " " 1. 37½ " " 1. 75 " "
Jan. 1861	10 10 10	1 2 4	M M M	1. 00 " " " 1. 12½ " " " 1. 25 " " " " 1. 271 " " " " " " " " " " " " " " " " " " "	Average		. 7	м	1.621 " "
Average	10	9	М	1. 37½ " " 1. 1. 22 " "	Jan. 1865	10 10	. 8	M	1.75 " "
July 1861	10	1	м	1.00 " "	Average	10	9	M	1.72 " "
• 340	10 10 10 10	2 3 1 1	M M M	1. 12½ " " 1. 25 " " 1. 37½ " " 1. 50 " "	July 1865	10 10 10	2 1 4	M M M	1.00 " " 1.50 " " 1.75 " "
Average		8	м	1.231 " "	Average	10	7	M	1.50 " "
Jan. 1862	10 10	1 3 1 2	M M M M	1. 12½ " " 1. 25 " " 1. 37½ " " 1. 50 " "	Jan. 1866	10 10 10 10	1 2 4 3	M M M	1.00 " " 1.16½ " " 1.50 " "
≜v erage	10	-	M	1.32 " "	Average			M	1.46 "
			•	-					

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTIOUT—Continued.

MOULDERS' HELPERS-Continued.

										· ·			
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wage
July 1866	10 10 10	1 2 1	M M M	\$1.00 1.50 1.62½	per	day.	Jan. 1875	10	I 1	M M	\$1.50 1.663		
A womp or	10	8	M	1.75	6.5	46	Average	10	2	M	1. 581	* 4	44
Average		1	M	1.50	46	44	July 1875	10	1	M	1.66½	44	44
Jan. 1867	10 10 10	2 I	M M	1. 62½ 1. 75	66	44	Jan. 1876	. 10 . 10	1	M M	1.50 1.66½	66 66	**
Average	10	4	M	1.621	**	44	Average	10	2	M	1.58½	64	**
July 1867	10 10 10	3 1 1	M M M	1.50 1.62½ 1.75	44 44	44	July 1876	: 10 10	1 1	M M	1. 66½	46	44
Average	10	5	М	1. 571	41	**		10 10 10	1 1 1	M M M	1. 25 1. 50 1. 75	44	64 64
Jan. 1868 July 1868	10 10	2 3	M M	1,50 1,50	44	64	Average	10	4	м	1. 361	4.6	14
Jan. 1869	10 10	2	M M	1.50 1.75	44	44	July 1877	10 10	1	M M	. 96 1. 50	"	41
Average	10	3	М	1.58½	14	6.6		10	2	М	1.75	**	"
July 1869	10 10	1	M M	1,00 1.66±	44	66	Average Jan. 1878	10	1	м	. 96	**	44
Average	10	2	М	1.333	66	44	1000	10	1 3	M	1. 25 1. 50	**	44
Jan. 1870	10 10	1	M	1.00 1.66½	**	44	Average	10	7	M.	1.75	44	44
Average	10	2	М	1.331	44	64	Average	- 1	- 1	- 1		44	**
July 1870	10 10	1 1	M M	1.50 $1.66\frac{1}{2}$	44	**	July 1878	10 10 10 10	1 3 1	M M M M	1. 10 1. 35 1. 75 1. 80	**	11
Average	10	2	7T	1.581	4.6	44	A word ord		6	M		44	16
Jan. 1871	10 10 10	1 1 1	M M M	1.00 1.50 $1.66\frac{1}{2}$	6 6 6 6	65 66 64	Average Jan. 1879	10 10 10	1 2	M M	1. 45 1. 00 1. 35	66	**
Average	10	3	M	1. 39	66	84		10 10	1	M	1.75 1.80	**	"
July 1871	10 10 10	1 1 1	M M M	1.00 1.50	44	44	Average	10	5	M	1.45		"
A #1070 000	10	3	м	1.661		44	July 1879	10 10	1 1	M	. 96 1. 00	44	44
Average				1.39	"	44		10 10	5	M	1. 25 1. 35	66	44
Jan. 1872	10 10 10	1 1 1	M M	1. $33\frac{1}{2}$ 1. $66\frac{1}{2}$ 1. 75	"	"		10 10 10	1 2 1	M M M	1.50 1.75 1.80	44	"
Average	10	3	М	1.581	44	4.6	Average	10	12	М	1.36½	11	41
July 1872 Jan. 1873 July 1873	10 10 10	1 1 2	M M M	1.66½ 1.66½ 1.66½	66 66	44 44	Jan. 1880	10 10 10	1 2 1	M M M	1.00 1.25 1.50	66 66	44 44
Jan. 1874	10 10	1	M M	.96 1.331	44	46		10 10	1	M M	1. 75 1. 80	**	16
A wone -	10	1	M	1.66	64	**	Averago	10	6	M	1. 42½	44	44
Average July 1874	10 10 10	3 1 1	M M M	1.32 1.331	44	14	July 1880	10 10 10	1 1 1	M M M	1. 00 1. 25 1. 50	44 44	44 44
Average	10	2		1.66 2	"	44	Average	10	1	M	1.75	44	4
.		-					- TE LOTTER	10	31	AUR. 1			

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

MOULDERS' HELPERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	Bours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1881	10 16 10	2 5 1	M M M	\$1.35 1 1.50 1.75	per "	day.	J uly 1886	10. 10. 10	1 6 1	M M M	\$1.00 1.50 1.75	per	day.
Average	10	8	M	1.491	66	44	Average	10	8	М	1.47	44	**
July 1881	10 10	7	M M	1.50 1.62½	44	44	Jan. 1887	10 10 10	1 8 1	M M M	. 96 1. 50 1. 75	"	64 61 64
Average	10	8	M	1.51		**	Average	10	10	м	1.47	4.6	44
Jan, 1882	10 10 10 10 10	1 1 7	M M M M M	. 96 1. 00 1. 25 1. 50 1. 66½	1	66 66	July 1887	10 10 10	1 9 1	M M M	.96 1.50 1.75	6.6 6.6	44 44 44
Average		11	M	1.40	44	66	Average	10	11	M	1.471	4.6	14
July 1882	10 10 10 10	1 10 1 3	M M M	. 96 1. 50 1. 66½ 1. 75	44 44 66 66	66 66 66	Jan. 1888	10 10 10 10	1 1 1 8	M M M M	1. 08½ 1. 25 1. 50	44	66 66 66
A wown co		15	M	1. 523	66	66	Average	10	11	M	1. 39	4.6	46
Average Jan. 1883	10	3	M	1.50	66	44	July 1888	10 10	1 10	M M	. 96 1. 50	44	eë ee
A	10		M	1. 561	4.6		Average	10	11	M	1.45	"	4.6
Average July 1883	10	1	м	1.081	"	44	Jan. 1889	10 10	1 6	M M	1.08½ 1.50	**	46
	10	6	M	1.50		44	A verage	10	7	М	1.44	6.6	46
Average Jan. 1884	10 10	1 1	M M M	1. 44 . 96- 1. 35	66	44 46 16	July 1889	10 10 10	1 1 5	M M M	. 96 1. 08½ 1. 50	6 6 6 6 8 6	6 C 6 C
A	10	1	M	1.50	66	**	Average	10	7	M	1.361	66	66
Average July 1884	10	3	M	. 96	66	14	Jan. 1890	10 10	1 5	M M	. 96 1. 50	"	66
	10 10	4 1	M	1, 75	"	44	Average	10	6	M	1.41	£ £	4.6
Average	1	6	M	1.45		44	July 1890	10 10	1 10	M M	$1.08\frac{1}{2}$ 1.50	66	44
Jan. 1885	10 10 10	1 3 1	M M M	1. 08½ 1. 50 1. 75	44	44	Average		11	М	1.46	66	44
Average		5	M	1.461	64	44	Jan. 1891	10 10 10	1 1	M M M	$1,08\frac{1}{2}$ $1,25$ $1,50$	"	44
July 1885	- 10 10	1 6	M M	1.08½ 1.50	44	66 65	Average	-	6	M	1. 39	44	44
Average	10	7	M	1.44	14	46	July 1891	10 10	10	M	1. 25 1. 50	64	**
Jan. 1886	10 10	1 6	M M	1.00 1.50	**	66 66	Average			M	1.47	44	44
Average	10	7	M	1.43	44	44							

PATTERNMAKERS.

July 1853	10 10	1 2	M M	1. 67 1. 87	per day	Jan. 1854	10 10 10	1 1 1	M M M	1.50 1.75 2.00	per da	у.
Average	10	3	м	1.804	66 65	Average	10	3	M	1. 75	46 16	

NIETALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECT. ICUT—Continued.

PATTERNMAKERS-Continued.

				IA	1 1 12	TOTA SEAT	LERO-COULT	nueu.					
Pagroll of	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of	wages
July 1854	10 10	1	M M	\$2.00 2.25	per	đạy.	Jan. 1865- conc'd.	10 10	1	M	\$2. 62½ 3. 00	per	day.
Average	10	2	M	$2.12\frac{1}{2}$	44	41	Average	10	4	M	2.411	44	"
Jan. 1855	10 10	2	M M	2.00 2.25	44	44	July 1865	10 10 10	1 1 1	M M M	1.83½ 3.00 3.50	11	66 66 66
Average	10	3	М	2.081	44	44	Average	10	3		2.78	"	
July 1855	10 10 10	1 1 1	M M M	1. 67 1. 75 2. 00	44	46	Jan. 1866	10 10 10	1 1 1	M M M	2.50 3.00 3.50	61 61	66
Average	10	3	M	1.801	4.6	44	Average	10	3	м	3.00	44	
Jan. 1856	10	1	М	1. 67	66	66	July 1866	10	1	м	1. 67	44	"
July 1856	10 10 10	1 1 1	M M M	1.50 1.67 1.87	44	66 66	Sury jone	10 10 10	1 1 1	M M M	2, 50 3, 00 3, 50	44 44	11
Average	10	3	М	1.68	46	44	Average	10	4	М	2. 661	14	44
Jan. 1857	10 10	1 1	M M	1.50 2.00	44	61	Jan. 1867	10 ⁻	1	M M	3.00 3.50	44	66
Average	10	2	M	1.75	L	4.6	Average	10	2	M	3. 25	14	"
July 1857 Jan. 1858 July 1858 Jan. 1859	10 10 10 10	1 1 1 1	M M M M	2.00 2.00 2.00 2.00	46 64 46	44 44	July 1867	10	1 1	M M	3. 00 3. 50	**	11
July 1859	10 10	1 1	M M	1. 50 2. 00	44	64	Jan. 1868 July 1868	10 10 10	2 1 2	M M	3. 50 3. 50	41	14
Average	10	2	M	1.75	**	46	Jan. 1869	10	1	M	3. 50	44	46
Jan. 1860 July 1860 Jan. 1861	10 10 10	2 1 2	M M M	1.75 1.75 1.50	66	44	July 1869	10 10	1 1	M M	3. 50	**	**
July 1861	10 10	2 1	M M	1. 75 2. 00	44	44	A verage Jan. 1870	10 10 10	1 1	M M	3, 62½ 2, 50 3, 50	11	11
Average	10	3	M	1.831	41	44]	10	1	M	3.75	14	**
Jan. 1862 July 1862	10 10	2 1	M M	1.75 1.75	**	44	Average July 1870	10	3	м	3. 25 3. 25	"	44
Jan. 1863	10 10	3 1	M M	1.50 1.75	64 44	**	A more we	10 10	1 1 3	M M	8. 50 3. 75 8. 50	44	44
Average	10	4	M	1. 56 <u>1</u>	н	44	Average	1		м			15
July 1863	10 10	2 1	M M	1.75 1.87	44	44	Jan. 1871	10 10	1	М	3.50 4.00	"	11
Average	10	3	M	1. 79	44	41	Average	10	3	M	3.661	11	
Jan. 1864	10 10	1 1	M M	1.75 2.12½	44	64	July 1871	10 10 10 10	2 1 1	M M M	3. 00 3. 25 3. 50 4. 00	61	11
Average	10	2	М	1. $93\frac{1}{2}$	**	4.6	Averana	10	5	M	3, 35	44	"
July 1864	10 10	1 1	M M	2. 25 2. 50	44	44	Jan. 1872	10 10 10	1	M M	3. 00 4. 00	44	65 66
Average	10	2	M	$2.37\frac{1}{2}$	44	**	Average	10	2	M	3, 50	44	"
Jan. 1865	10 10	1 1	M	$\frac{1.67}{2.37\frac{1}{2}}$	46	44	July 1872	10	1	M	4.00	61	,,

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECTICUT—Continued.

PATTERNMAKERS Continued.

Payroll of-	Hours per day.	Different employés.	Sex.	Rate o	f w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1873	10 10	1 1	M M	\$3,00 P	er (day.	Jan. 1881	10 10 10	1 1 1	M M M	\$2, 00 2, 50 2, 75	per	da y.
Average	:10	2	M	3. 50	4 4	44	Average	10	3	M	2.41	46	
Jul y 1873	10 10 10	- 1 1	M M M	3. 25	6 6 6 6	41	July 1881	10 10	1	M M	2.25 2.50	11	66 66
Average	.10	3	M	3, 25	44	**	l .	10	2	M	2.75	"	46
Jan. 1874	10 10	1 1	M M	3. 25 4. 00	6 6 6 4	**.	Average Jan. 1882	10	1	M	2. 56½ 2. 00	4.6	44
Average	10	2	М	3, 62½	44	**		10 10 10	1 2 2	M M M	2. 25 2. 75 3. 00	44	64 64
July 1874 Jan. 1875	_10 10	1	M M	4. 25 4. 25	66	44	Average	10	6	М	2.62		41
July 1875	-10 10	1	M M	2.00 4.25	44	44	July 1882	10 10 10	1 1 1	M M M	2. 25 2. 50 2. 75	66	66 66
Average	10	2	M	3.121	44	66	1	10	î	M	3, 00	"	44
Jan. 1876	10 10	1 1	M M	2.00 4.25	16	66 84	Average	10	4	M M	2. 62½ 2. 25	"	16
Average	10	2	M	3. 121	44	- 11	Jan. 1883	10 10 10	1 1	M	2.75	14	44
July 1876	10 10	1	M	2.00 4.25	44	66	Average		3	M	2.66		ŧŧ '
Average	10	2	M	3.121	ιι	66	July 1883	10	1	M	2. 25 2. 50	44	44
Jan. 1877	10 10	1	M	2.00 4.25	44	"	,	10 10 10	1	M	2. 75 3. 00	44	44
Average	10	2	M	3. 121	44	**	Average	,10	4	М	2.624	"	44
July 1877	10 10 10	1 1	M M M	2.50 3.00 4.25	11	4 E	Jan. 1884	10 10 10	1 1	M M M	2. 25 2. 50 3. 00	6 6 6 6	66 64
Averag	e 10	3	M	3. 25	11	44	Average	10	3	M	2.58		6.6
Jan. 1878	10	2		2. 00 2. 50 4. 25	6 6 6 1	6 6 6 6	July 1884	10 10 10	1 2 1	M M M	2. 25 2. 50 3. 00	11	64
A woman	10		_!	2.81			Averag		4		2.56	- 1 11	44
Averag July 1878	1	2	М	2.50		44	Jan. 1885	1	1	M	2. 25 2. 50	- 44	
Averag				2.91		44	Averag	100	2	М	2.37	1 "	66
Jan. 1879		1	. м	2. 25 2. 50	41	61 61	July 1885		1	M	2. 00 2. 25	6	6.6
Averag			-	2.41	44	44		10 10	1	. M	2.50 2.75	4	
July 1879	1	1	1	2.00		44		10		ـــاــــــــــــــــــــــــــــــــــ	3.50	-	
	10	2	M	2. 50	46	"	Averag Jan. 1886				2, 60		
Averag Jan. 1880	1	1	1		44	44	9 am. 1000	10	2	M	2, 50		
	10]	M	2.50	**	**	Averag			_	2. 50	_	
Averag July 1886) I	ì	- 1	1 -	**	44	July 1886		, ,	м		٠.	
- my 2001	10		2 M	2.25	44	44		10	1	M	2.75	-	4 44
- Averag	e 10) (ılм	2.25	**	44	Averag	e 10) 4	L i M	2.50	j g	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 54, CONNECT. ICUT—Concluded.

PATTERNMAKERS-Concluded.

Payroll of—	Hours per day.	Different employés.		Rate	of '	wages.	Payroll of	Hours per day.	Different employés.		Rate	of w	ages.
Jan. 1887	10 10 10	1 1 2	M M M	\$2. 25 2. 50 2. 75	per "	day.	July 1889	10 10 10	1 1 1	М М М	\$2. 25 2. 75 3. 00	per	day.
Average	10	4	M.	2.561	44	44	Average	10	3	M	2. 661	44	44
July 1887	10 10	1 3	M M	2. 25 2. 75	64	66	Jan. 1890	10 10 10	1 1 1	M M M	2. 25 2. 75 3. 00	66 64 66	6 6 6 6 6 6
Average	10	4	M	2.621	**	44	Average	10	3	м	2.661	**	**
Jan. 1888	10 10 10	1 2 1	M M M	2. 25 2. 75 3. 00	66 66	64 64 64	July 1890	10 10 10	1 1 1	M M M	2. 25 2. 75 3. 00	6 E	66 66
Average	10	4	М	2.681	61	64	Average	10	3	М	2, 661	- 64	66
July 1888 ~	10 10 10	1 2 1	M M M	2. 25 2. 75 3. 00	44	66 66	Jan. 1891,	10 10 10	1 1 1	M M M	2. 25 2. 75 3. 00	66	44 44
Average	10	4	M	2. 681	44	**	Average	10	8	M	2.661	66	**
Jan. 1889	10 10 10	1 1 1	M M M	2. 25 2. 75 3. 00	66	45 45	July 1891;	10 10	2 1 1	M M M	2. 25 2. 75 3. 00	14	16 16
Average	10	3	M	2.663	44	44	Average	10	4	М	2.56 1	11	**

METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECTICUT.

BLACKSMITHS.

July 1853	10 10 10 10	1 3 1	M M M M	1. 16½ 1. 25 1. 33 1. 50	per	day.	Jan. 1856	10 10 10	4 2 4	M M M	1. 16½ 1. 50 2. 00	per "	day.
	10	1 1 2	\mathbf{M}	1.664	66	44	Average	10	10	M	1. 561	66	
	10 10	1	M	2. 00 2. 25	66	66	July 1856	10	3	м	1. 16½	66	44
Average	10	10	M	1.561	6.6	**		10 10	1	M M	1.50 2.00	11	44
Jan. 1854	10	1	м	1.161	4.6	14	Average	10	7	М	1.57	4.6	и
	10 10 10 10	1 1 1 3	M M M M	1. 25 1. 33 1. 83 2. 00	44 44 44	66 66 66	Jan. 1857	, 10 10 10	2 2 3	M M M	1. 16½ 1. 50 2. 00	"	44 64 46
	10	1	М	2. 25	4.6	4.6	Average	10	7	M	1, 62	••	44
Average July 1854	10 10 10 10	9 1 1 2	M M M M	1. 67½ 1. 25 1. 42 1. 50	41	64 64	July 1857	10 10 10 10	3 2 1 1	M M M M	1. 16½ 2. 00 2. 25 2. 42	66 66	15 - 16 16
	10 10	1 3	M	2.00	44	66	Average	10	7	M	1.74	tt	**
Average	10	8	M.	2, 25 1, 80½	66	"•	Jan. 1858	. 10 10 10	$\begin{array}{c} 1 \\ 1 \\ 2 \end{array}$	M M M	1. 25 1. 75 2. 00	66 66	66 68
Jan. 1855	10	2	M	1.75	**		Average	10	4	М	1.75	* *	11
July 1855	10 10	1 2	M M	1. 50 1. 75	"	"	July 1858	10 10	1 2	M M	1, 25 2, 00	"	دد دد
Average	10	3	м	1.66	44	44	Average	10	3	М	1.75	**	u-

METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECTICUT—Continued.

BLACKSMITHS-Concluded.

Payroll of-	Hours per day.	Different employés.	Sex.	Rate of wage	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1859	10 10 10 10 10	1 1 1 2 1	M M M M	\$1. 25 per day 1. 75 "" " 1. 87 " " 2. 00 " " 2. 50 " "		10 10 10 10	1 2 2 1	M M M M	2. 25 2. 75 3. 00	per	day.
Average	10	6	M	1.891 " "	Average		6	M	2.50		
Jan. 1862	10 10 10 10 10	1 1 1 1 2	M M M M	1. 12½ " " 1. 33½ " " 1. 35 " " 1. 50 " " 2. 00 " "	July 1866	10 10 10 10 10	1 1 2 2 2	M M M M M	2. 00 2. 25 2. 50 3. 25 3. 50	66 66 66	6 6 6 6 6 6
	10 10	1 1	M	2, 25 " "	Average	10	7	M	2.75	66	44
Average	10	8	М	1.75½ " "	Jan. 1867	10 10 10	1 2 1	M M M	2. 25 2. 50 3. 25	66 66	6 6 6 6 6 6
July 1862	10 10 10	1 2 1	M M M	1.50 " "	Average	10	. 5	M	3, 50 2, 80	44	64
	10 10	1 1	M M	2.25	July 1867	.10	2	М	2. 25	44	"
Average	10	6	M M	1.813 " "		10 10 10	3 1 1	M M M M	2.50 2.75 3.25 3.50	11	16
0 am. 1000	10 10	3	M	1.50 " "	Average		. 8	M	2. 681	66	**
	10 10 10	1 1 2	M M M	1, 67 " " " 2. 17 " " 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Jan. 1868	10 10	2	M M	2.50 3.50	"	11
	10	1	M	2. 50.	Average	10	3	M	2.831	4.6	4.6
Average July 1863	10 10 10	10	MMM	1.50 " " 1.70 " "	July 1868	10 10 10	1 2 1	M M M	2. 50 2. 75 3. 50	**	13 15
	10 10 10	1 1 3	M M M	1.75 " " 2.00 " " 2.25 " "	Average	10	4	М	2.871	"	6.6
	10	1	M	2. 75 " "	Jan. 1869	10 10	1 1	M M	2. 50 2. 75	44	44
Average	10	8	M	2. 051 " "		10	1	M	3, 50		4.6
Jan. 1864	10 10 10 10 10 10	1 1 1 2 1 1 2 1	M M M M M	1.60 " " " 1.75 " " " 1.2.00 " " " 1.2.25 " " " 1.3.00 " " " 1.3.00 " " " 1.3.00 " 1.3.00 " 1.3.00 " 1.3.00 " 1.3.00 " 1.3.00 " 1.3.00 " 1.3.00 " 1.3.00 " 1.3.00 " 1.3.00 " 1.3.00 " 1.3.00 " 1.3.00 " 1.3.00 " 1.3.00 " 1.3.00 " 1.3.00 " 1.3.00 " 1.3.00 " 1.3.00 " 1	Average July 1869	10 10 10 10 10	3 1 1 1 1	M M M M	2. 914 2. 50 2. 75 3. 00 3. 50	11 11	16
Average		7	M	2. 23 " "	Average	10	4	M	2. 93	44	14
July 1864	10 10 10	1 3 1	M M M	1.75 " " " 2.25 " " " 2.75 " " " " 1.75 " " 1.75 "	Jan. 1870	10 10 10	1	M M M	2. 00 2. 50 3. 50	. 11	46
	10	1	M M	3. 00 11 11	Average	10	3	M	2.661		**
Average	10	7	м	2.50 " "	July 1870	10 10	1 2	M	2. 50 3. 00	11	46
Jan. 1865	10 10 10	1 2 1	M M M	2. 00 " " " 2. 25 " " " 2. 75 " " "	Average	10	1 4	M	3.50	4.6	44
	10 10	1	M M	3.00 " " "	Jan. 1871	10 10 10		M M M	2.50 3.00 3.50	44	66
Average July 1865	10 10	6	M	2.581 " "	Average			- M	3.00	66	44
eary 1800	10 10 10	1 1	M M M	2, 25 " " 2, 75 " " 3, 00 " "	July 1871	10 10 10	1	M M M	2, 50 3, 00 3, 50	44	44 44
A wana	10		M	3.25	Average		3	M	3,00		44
Average	10	, , ,	1	2.00%	11	1	!	1			

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MIETALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECTICUT—Continued.

BLACKSMITHS' HELPERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages
July 1853	10 10	2 5 2	M M	\$1.00 per day. 1.12 """	Jan. 1864– conc'd.	. 10 10	8	M M	\$1.35 1.50	per	day.
	10 ·		M	1.105	Average	10	15	M	1.314	44	**
Average	10	9	M	1.101 " "	July 1864	: 10	1	м	1. 25	44	68
Jan. 1854	10	6	M	1. 12 " "	July 1604	. 10	1	M	1.35	16	"
July 1854	10	5	M	1. 12 " "		10 10	1. 10	M M	1.45 1.50	46	44
	10	5	М	1. 161 " "	A Tomago	10	13	м	1. 481	68	
Average	10	10	М	1.141 " "	Average				1: 463		
					Jan. 1865	10	2 9	M	1.40 1.50	64	11
Jan. 1855	10 10	3 6	M	1.00 " "		+	• 3	M	1.00		
July 1855 Jan. 1856	10	4	M	1.161 " "	Average	10	11	М	1.48	44	44
July 1856	10	2	M	1. 161 "	July 1865	10	5	M	1.40	64	44
Jan. 1857 July 1857	10 10	.2	M	1. 16½ " " 1. 16½ " "		* 10	8	M	1.50	**	**
Jan. 1858	10	4	\mathbf{M}	1.00 " "	Average	10	13	M	1.46	44	44
July 1858 Jan. 1859	10 10	4 10	M	1.00 " "	Avorago	-			1. 10		
уац. 1009	10	10	м	1.00	Jan. 1866	. 10 10	3 7	M	1.40 1.50	66	44
Jan. 1862	10	1	M	1.00 " "				-			44
	10 10	7 1	M M	1.10 " " 1.124 " "	Average	10	19	М	1.47	••	••
A	10	9	м	1.09 " "	July 1866	10 10	13 1	M	1.50 1.60	66	66
Average	10	9	IVI	1.09							
July 1862	10	5	М	1.10 " "	Average	. 10	14	M	1.501	64	4.6
	10	1	M	1.121 " "	Jan. 1867	10	6	M	1.50	44	66
Average	10	6	М	1. 101 " "		10	1	_M_	1.60		
Ton 1069	10		3.0	1 10 11 11	Average	10	7	М	1.51	44	66
Jan. 1863	10 10	6 3	M	1. 10 " " "	July 1867	10	2	м	1.50	44	44
	10	2	M	1. 20 ** **		10	9	M	1.60	**	**
Average	10	11	М.	1.13 " "	Average	10	- 11	М	1.58	64	**
July 1863	10	2	М	1.15 " "	Jan. 1868	10	3	M	1.60	16	14
ouly 1000	10	2	M	1. 20 " "	July 1868	10	5	M	1.60	14	**
	10	13	М	1.25 " "	Jan. 1869	10	2	M	1.60	44	14
ı	10 10	1	M	1.30 " "		10	· 2	M	1.70	- 66	44
	10	ī	M	1.42 " "	Average	10	4	M	1, 65	44	44
Average	10	20	м	1. 25 " "						66	44
		_0			July 1869 Jan. 1870	10 10	' 5 4	M M	1.75 1.75	44	11
Jan. 1864	10	2	М	1.20 " "	July 1870	10	4	M	1.75	64	4.6
	10 10	3 1	M M	1. 25 " " 1. 30 " "	Jan. 1871	10	4 5	M	1.75 1.75	66	11
	10		10,	1, 50	July 1871	10	9	M.	1. 13		
					MAKERS.				,		

J uly 1853	10 10 10 10 10 10 10 10 10 10 10 10	7 1 1 1 1 2 1 1 4 1 2 2 2	M M M M M M M M M M M	1.00 1.10 1.12 1.15 1.25 1.40 1.50 1.66½ 1.75 1.83 2.00 2.25	16 16 16 16	day.	J	an. 1854	10 10 10 10 10 10 10 10 10 10 10 10 10 1		7 1 1 1 1 3 1 2 1	M M M M M M M M M M M M M	1.00 1.10 1.12 1.15 1.25 1.40 1.50 1.66½ 1.68 1.75 1.83 2.00 2.25	66 68 68 68 66 68 66 68 66 68 66 68 66 68 66 68 66 68 66 68 66 68 66 66	day.
Average	10	25	М	1.47	4.4	16	.	A verag	e 10	1	24	M	$1.42\frac{1}{9}$	46	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECTICUT—Continued.

BOILERMAKERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages
July 1854	10 10	3 2 4	M M	1.05	erc	lay.	Jan. 1857– cone'd.	10 10	1	M M	\$2.00 2.50	per	day.
	10 10	1	M	1. 10 1. 12 1	66	66	Average	10	20	M	1.651	44	44
	10 10	2 1 2 3	M	1. 15 1. 25		4.4	July 1857	10	1	M	1. 25	6.6	44
	10 10	2 3	M	1.35 1.50	66	16		10 10	6	M	1.50 1.60	11	11
	10 10	1	M	1.60 1.62	44	14		10 10	1 1 7	M	1.65 1.70	11	4.6
	10	3 2	M	1.75	44	44	1	10	7	M	1.75	"	44
	10 10	3	M	1. 85 2. 00	6.6	14		10 10	1 3	M	1.80 2.00	6.6	4.6
	10 10	1 1	M	2. 25 2. 37½	**	44		10 10	1	M	2. 25 2. 50	11	44
Average	10	30	M	1.47	4.4	**	Average	10	23	М	1.74	46	66
Jan. 1855	10 10	3 2	M	1.10 1.25	16	66	Jan. 1858	10 10	1 4	M	1. 25	44	66
	10	1 2	M	1.30	44	44		10 10	6	M	1.50 2.00	16	46
	10	ı	M	2. 25	4.6	41	İ	10	1	M	2, 25	44	16
Average	10	9	м	1.391	**	**	\ Average	10	14	M	2. 37 1. 60½	4.6	44
July 1855	10 10	1	M	1. 10 1. 15	11	44	July 1858	10	1	м	1. 25		44
	_ 10	- 1	M	1.25		44	Uuly 1000	10	3	M	1.40	46	44
	10 10	1 1	M	1.40 1.50	4.6	4.6	H	10	5 1	M	1. 50 1. 75	6.6	66
	10 10	2	M	1.60 1.65	16	44		10	1	M	2.00	66	64
٠,	10	3	M	1.75 2,25	"	44	Average	10	11	M	1. 52	6.6	11
Average	J	15	М	1.48	44	41	Jan. 1859	10 10	1 2	M	1. 25 1. 40	"	44
_				1. 20	44		,	10 10	5	M	1, 50 1, 55	46	46
Jan. 1856	10	2 4	M	1.25	46	11		10	2	M	2.00	8.6	44
	10	1 4	M	1.40 1.50	44	46	Average	10	11	M	1.551	44	4.4
	10	2	M	1.60 1.65	44	**	Jan. 1862	10	2	м	1. 25	"	44
	10	1	M	1.70	66	66	0 211. 1002	10	2 1	M	1.35	61	44
	10	3 1	M	1.75 2.37	44			10 10	2	M	1.50 1.60	6.6	44
Average		19	м	1. 52	44	44	i	10 10	8 2 3 1	M	1.75 1.85	44	66
	1	1	1	-			,	10 10	2	M	2.00 2.50	61	11
July 1856	10 10	1	M	1. 20 1. 25	66	14	Average	i	21	M	1. 67	44	44
	10 10	2	M	1.40 1.50	64	44		1			_	4.6	45
	10	2 2 2	M	1,60	64	41	July 1862	10	1 2 8 2 3	M	1. 25 1. 35	1.6	**
•	10		M	1.70 1.75	64	44		10 10	8 2	M	1.50 1.60	61	44
	10 10	1 1	M	1.85 2.00	44	66		10		M	1.75	11	44
	10	î	M	2.50	**	15		10 10	1 2	M	1.85 2.50	66	44
Average	10	17	M	1.63	44	44	Average	10	19	M	1.641		41
Jan. 18 57		1	M	1. 20	44	"	Jan. 1863	10	1	M	1.50	66	41
	10	2	M	1. 25 1. 40	44	44		10 10	1	M	1.60 1.65	44	44
	10	3	M	1.50 1.60	66	44		10 10	6	M	1.75	16	46
	10 10	1	M	1.65	56	44	1	10	3	M	2.00	64	46
	10 10	3 4	M	1.70 1.75	66	44	,	10	1	M	2, 65	4.6	41
	10 10	î	M	1.80 1.85	44	44	Average	İ	15	M	1.88	. 64	14

METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECT. ICUT—Continued.

BOILERMAKERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages
July 1863 /	10 10 10 10 10 10 10 10 10	3 2 1 2 1 8 2 3 2 2	М М М М М М М М М	\$1.40 per 1.50 " 1.70 " 1.75 " 1.85 " 2.00 " 2.15 " 2.25 " 2.50 " 3.00 "	day.	Jan. 1866	10 10 10 10 10 10 10 10 10 10	51 21 23 24 24 21	M M M M M M M M M	\$2.00 2.15 2.25 2.35 2.50 2.75 2.85 3.00 3.15 3.25 4.00	Per	day.
Average	10	26	M	2.01 "	14	Average	10	26	M	2.69	- 44	"
Jan. 1864	10 10 10 10 10 10 10 10 10 10	2 2 4 4 4 1 1 3 2 10 3 1 2 2	M M M M M M M M M M M	1. 40 " 1. 50 " 1. 60 " 1. 75 " 2. 00 " 2. 15 " 2. 25 " 2. 35 " 2. 50 " 2. 73 " 3. 00 " 8. 50 "	66 66 64 25 66 46 26 26 46 46	July 1866	10 10 10 10 10 10 10 10 10 10	3 6 5 3 2 2 1 1 1 1	M M M M M M M M M	2. 00 2. 25 2. 50 2. 75 2. 85 3. 00 3. 15 3. 25 3. 40 3. 75 4. 50	46 46 46 44 44 44 44	66 61 14 65 66 68 64 66 66
Average	10	42	M	2.14 "	44	Average	10	33	M	2.771	46	41
July 1864	10 10 10 10 10 10 10 10 10	7 5 6 1 3 1 13 6 3 1	М М М М М М М М М М	1. 75 " 2. 00 " 2. 25 " 2. 35 " 2. 65 " 2. 75 " 3. 00 " 3. 25 " 3. 50 " 3. 75 "	46 46 46 46 46 46 46 46 46 46 46 46 46 4	Jan. 1867	10 10 10 10 10 10 10 10 10 10	3 6 6 2 8 1 2 1 1	M M M M M M M M M	2. 00 2. 25 2. 50 2. 75 2. 85 3. 00 3. 15 3. 25 3. 40 3. 75 5. 00	66 66 66	66 66 66 66 66 66 66 66 66 66
Average	10	47	- М	2.53 "	, ·	Average July 1867	10 10	37	м	2.77	**	44
Jan. 1865	10 10 10 10 10 10 10 10 10 10 10 10	10 3 1 1 5 6 4 4 1 2 1	M M M M M M M M M M	2. 00 "	44 c4 c4 c5 42 65 44 46 64 64	5 day 1007	10 10 10 10 10 10 10 10 10 10 10 10	2 1 2 5 4 2 7 1 2 1	M M M M M M M M M M M M	2. 00 2. 25 2. 35 2. 40 2. 50 2. 75 2. 85 3. 00 3. 15 3. 50 3. 75 5. 00	14 14 14 15 14 15 14 15 14 14 14 14 14 14 14 14 14 14 14 14 14	41 46 46 46 46 41 44 44 44
A	10	1	M	4.00	15	Average	10	31	М	2.83	11	66
Average Fuly 1865	10 10 10 10 10 10 10 10 10 10 10	9 1 3 1 1 7 4 8 4	M M M M M M M M M M M M M M M M M M M	2. 68 " 2. 00 " 2. 15 " 2. 25 " 2. 35 " 2. 40 " 2. 50 " 2. 85 " 3. 00 " 3. 25 " 3. 50 "	66 66 61 66 66 66 66 66 66 61 61 61 61 6	Jan. 1868 Average July 1808	10 10 10 10 10 10 10 10 10 10 10 10 10 1	19 2 4 4 5 2	M M M M M M M M M M M M M M M M M M M	2. 00 2. 25 2. 50 2. 75 3. 00 3. 25 5. 00 2. 66 2. 00 2. 25 2. 50 2. 75 3. 00	66 66 66 66 66 66 66	46 44 56 46 46 46 46 46 46 46
Average.	10	45	$\frac{M}{M}$	4.00	**]	10	ī	M	1.00	16	46

METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECTICUT—Continued.

BOILERMAKERS Continued.

P	ayroli of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.
Ja	n. 1869	10 10	1 5	M M	\$2.00 2.25	6.6	day.	Jan. 1873– cone'd.	10 10	1	M M	\$3, 50 4, 50	per	day.
		10 10	2	M	2.50 2.75	11	46 - 1	Average	10	15	M	2. 73	44	44
		10 10 10	1 1	M M M	3.00 3.50 5.00	44	16	July 1873	10 10	1 1	M M	1.75 2.00	44	44
A	Lverage		16	M	2.704	4.6	**		10	$\frac{1}{2}$	M	2. 20 2. 25	44 66	44 46
	dy 1869	10	3	М	2. 25	46			10 10	2	M M	2.50 2.75	44	44
		10 10 10	6 5 2	M M M	2.50 2.75 3.00	44	66		10 10	2 1	M M	3. 00 3. 50	44	44
		10	1	M	3, 50	44	4.4	Average	10	13	М	2.53	4.6	44
A	Lverage		₹ 17	M	$2.64\frac{1}{2}$	4.6	64	Jan. 1874	10 10	1 3	M	1.75 2.00	44	44
Ja	n. 1870	10	2	M	2.50 2.75	41	66	ii	10	1	M	2. 50 2. 65	61	66
		10	2 2	M	3.00	64	66		10 10	4	M	2. 05	44	44
		-			-				10	1	м	3.00	4.4	44
	Lvera ge		6	M	2.75	14	44		10	1	M	3. 25	44	**
Ju	ly 1870	10	1 3	M	1.87½ 2.25	16	66	Average	10	12	M M	2.48 2	44	44
		10	11	M	2. 50 2. 75	4.6	41	July 1874	10	5	M	2. 25	14	4.6
		- 10	2	M	3.00	64	44		10	2	M	2, 50	4.6	4.6
		10	1	M	3.50	4.6	44		10	3	M	2.65	11	16
Ą	Average	10	19	М	2. 541	16	44		10 10 10	18 2 2	M M M	2. 75 3. 00 3. 50	"	44
Ja	n. 1871	10 10	2	M	2, 00 2, 25	14	46	Average		41	M	2.55	. 66	44
		10	2	M	2.50	6.6	14	1			3.5	1 -	4.8	44
	1	10	2	M	2.75 3.00	44	44	Jan. 1875	10 10	2 2	M	2.00	66	**
	Lverage	10	8	M	2, 47		44		10	2 2	M	2.75 3.00	44	66
		1 .	Į.					1 .	-				44	
Ju	ly 1871	10 10	2 1	M	2.50 3.00	66	44	Average		2	M	2.561	11	
	verage	10	3	M	2.664		44	July 1875	10 10	3	M	2.50	5.5	**
-	rverage	- 10	0	1111	2.00				10	1	M	2.75	4.4	6.6
Ja	n. 1872	10	2	M	1.75	66	14	ł	10	1	M	3.00	6.6	44
		10 10	1 3	M	1.85 2.25	64	44	Average	10	7	м	2.46	44	66
		10	7	M	2, 50	4.4	8.6		١.		l	1		
		10	1	M	3.25	"	44	Jan. 1876	10	2	M	2.00	46	64
		10	2	M	3, 50	6.6	**	1	10 10	2 2	M	2.50 2.65	66	44
A	verage	10	16	М	2.49	46	45		10	ĺ	M	2.75	4.4	4.6
	dy 1872	10	6	М	2.00	4.6	64		10	1	M	3.00	44	**
		10	1 4	M	2. 20 2. 25	16	4.4 4.4	Average	10	8	М	2.50	44	46
		10	5	M	2.50	**	4.6	July 1876	10	1	M	1.75	66	44
		10	8	M	2.75	"	- 66		10 10	$\frac{1}{2}$	M	$\frac{1.85}{2.00}$	44	**
		10	1	M M	3.00	66	44		10	î		2. 25	44	14
		10	2	M	3, 50	11	44		10 10	3 2	M	2.50 2.75	44	44
	verage	10	29	M	2.60	44	41	Average		10	M	2. 284	44	46
	n. 1873	10	29	M	2.00	66	44	Jan. 1877	10	1	м	1.75	64	44
٠,		10	1	M	2.20	44	44		10	3	M	1, 90	44	44
`		10	2 2	M	2. 25	46	44	J.	10	$\frac{1}{2}$	M. M	2.00	6.6	14
		10 10	2	M	2, 50 2, 75		44		10 10	3	M	2. 50	44	44
		10	1	M	3.00	6.6	4.6	1						
		10	l ī	M	3. 25	6.6	6.6	Average	10	10	M	2.14	**	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECT. . ICUT—Continued.

BOILERMAKERS-Continued,

		 					1.						
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1877	10 10 10 10 10	1 2 1 2 1	M M M M	\$1.75 1.90 2.00 2.50 2.75	per	day.	July 1882	10 10 10 10 10	1 2 3 1 1	M M M M M	\$1, 75 2, 00 2, 25 2, 40 2, 50 2, 75	16 16 21	day,
Average	10	7	M	$2,18\frac{1}{2}$		41		10	1	М	3.50	44	44
Jan. 1878	10 10 10 10	1 2 2 1	M M M M	1.75 2.00 2.50 2.75	44	6 6 6 6 6 6	Average Jan. 1883	10 10 10 10	12 2 3 3	M M M M	2. 43 2. 00 2. 25 2. 50	66 66	66 66 86
Average	10	6	м	2. 25	44	64		10	1 3	M	2.65	44	44
July 1878	10 10	2 2	M M	1.50 2.00	14	11		10	1	М	2.75	44	11
Average	10	4	М	1.75	66	4.6	Average		13	M	2.471		
Jan. 1879	10 10 10	2 2 1	M M M	1.50 2.00 2.25	44 44	66 68 64	July 1883	10 10 10 10 10	1 2 1 3	M M M M M	2. 00 2. 25 2. 40 2. 50 2. 65	11	44 44 44
Average	10	5	M	1.85	46	66		10 10	2	M M	2.75 2.80	66	46
July 1879	10 10	3	M	1.50 1.75	11	44		10	î	Ж	3.00	44	"
***	10 10	2 3	M	2.00 2.25	44 14	46 66	Average		12	M	2. 53	44	**
	10	1	_M	2.35			Jan. 1884	10 10	$\frac{1}{2}$	M	2. 00 2. 25	"	"
Average	10	10	M	1.931	66	44		10 10	1 3	M M	2.40 2.50		44
Jan. 1880	10 10 10 10	2 3 2 2	M M M M	1. 50 1. 75 2. 25 2. 50	16 . 16 . 44	1 t 6 t 6 t		10 10 10 10	1 1 . 1	л л л	2. 65 2. 75 2. 80 3. 00	6 6 6 6 6 6	44 41 48
Average	10	9	M	1. 97	44	**	Average	10	11	М	2 51	44	46
July 1880	10 10 _10 10 10	1 2 2 3 1	M M M M	1. 50 1. 75 2. 00 2. 25 2. 50	#4 #4 ##	64 64 66 66	July 1884	10 10 10 10 10 10	1 1 2 1	M M M M M	2. 00 2. 25 2. 40 2. 50 2. 65 1 2. 75	64 64 64 64 64	61 61 61 61 64
Average	10	9	М	2. 03	44	44		10	Î	M M	2.80 3.00	44	44
Jan. 1881	10 10	2 2 1	M M	1.75	44 44	66 66	Average	10	9	M	2, 54	44	44
	10 10	1	M M	2. 25 2. 50	14	44	Jan. 1885	10	1	М	2.00	44	44
Average	10	6	M	2.04	64	44		10 10	1	M	2.25 2.40	11	44
July 1881	10	1	M	1. 75	6.6	44		10 10	1	$_{ m M}^{ m M}$	2.50 2.65	44	14
	10 10	3 4	M	2.00	66	44		10 10	1 1	$_{ m M}^{ m M}$	2.75 2.80	**	11
	10 10	7 1	M	2.50 2.65	11	6 6 6 6		10	1	M	3.00	٠	4+
	10	ī	M	3. 00	44	4.4	Average	10	8	M	2.541	6.6	44
Average	10	17	M	$2.34\frac{1}{2}$	6.6	44	July 1885	10 10	1 1	M	2.00 2.25	"	16
Jan. 1882	10 10 10 10 10	1 2 4 4 2	M M M M	1.75 2.00 2.25 2.50 2.65	64 64 64	45 46 45 44		10 10 10 10 10 10	1 1 1	M M M M	2. 40 2. 50 2. 75 2. 80	11 14 11 11	14 14 14
	10 10	2 2 1	M	2. 75 3. 00	6 6 4 6	44	Average Jan. 1886	10 10	6	M M	2.45	,,	
Average		16	М	2. 41	66	44	1000	10 10	1	M	2. 25 2. 40	44	64

METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECTICUT—Continued.

BOILERMAKERS-Concluded.

Payroll of—	Hours per day.	Different employés.		Rate	of wages.	Payroll— of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1886_	10	1	M	\$2.50	per day.	Jan. 1889	10	1	м	\$2.00	per	day.
conc'd.	10	=1	M	2.75	- 61 660		10	2	M	2.50	- 44	"
	10	1	M	2.80	66 66		10	1	M	2.75	4.6	4.6
					44 66	1	10	1	М	2.85	6.6	6.6
A verage	10	6	M	2.45			10			0.50	14	44
T .1- 1000	10	1	M	2.00	65 65	Average	10	5	M	2.52	•••	••
July 1886	10 10	1 3	M	2. 25	44 44			l	,			
	10	1	M	2. 40	44 44	July 1889	10	2	M	2.00	4 6	64
	10	1	M	2.50	44 44	1 223	10	2 2	M	2,50	4.6	4.4
	10	$\frac{1}{2}$	M	2.75	46 46	i	10	l ī	M	2.60	6.6	61
	10	2	M	8.00	44 44		10	1	M	2.75	16	6.6
	10			0.00			10	1	M	3.00	4.6	6.6
Average	10	10	M	2.511	*4 44					l		
			-			Average	10	7	M	2.48	4.6	6.6
Jan. 1887	10	1	M	2.00	er of the							
	10	1	M	2, 25	44 64	Jan. 1890	10	2	M	2,00	4.6	44
	, 10	1	M	2.40	46 64	Jan. 1030	10	í	M	2, 35	6.6	44
	10.	. 2	M	2.75	64 64]	10	3	M	2.50	6.6	44
		l	'				10	4	M	2, 75	4.6	4.6
Average	10	5	M	2.43			40	î	M	3.00		64
July 1887	10	2	M	2.00	66 66	Average	10	11	M	2. 53	4.6	44
J	10	1	M	2.25	61 61	Average	10	11	1 ***	2, 00		
	10	1	M	2.40	66 66	1		_				
	10	1	M	2.50	44 44	July 1890	10	3	M	2.00	16	44
	10	2	М	2.75	11 11		10	1	M	2.75		44
	10	1	M	2.85			10	1	M	3.00	••	••
Average	10	8	м	2.431	16 46	Average	10	5	M	2.35	44	4.5
Jan. 1888	10	1	M	2.00	44 84	Jan. 1891	10	1	м	2.00	66	44
	10	1	M	2. 25	44 44	Jan. 1001	10	1	M	2. 25	4.4	4.6
	10	1	M	2.40	44 44	1	10	î	M	2. 75	6.6	44
	10	1	M	2.75	44 46	1)	10	Î	M	2, 85	6.6	6.6
•	10	1	M	2.85	** **	1	10	1	M	3.00	6.6	44
Averagē	10	5	M	2.45	44 44	Average	10	5	M	2.57	4.6	4.6
July 1888	10	1	M	2, 00	44 44				1			
0 day 1000	10	li	M	2. 25	44 44	July 1891	10	4	M	2.65	6.6	6.6
	10	Î	M	2, 50	66 66	1 2 200	10	2	M	2, 75	6.6	4.6
	10	l ī	M	2, 75	16 16	[]		1 1	M	2.85		41
_	10	i	M	2.85	44 66		10	1	M	3. 00	44	**
Average	10	5	М	2.47	44 44	Average	10	8	М	2.741	44	**

BOILERMAKERS' HELPERS.

July 1853 Jan. 1854 July 1854	10 10 10	6 6 13	M M M	1.00 1.00 1.00	- 44	day.		July 1856	10 10 10 10	5 1 2 4	M M M M	1.00, 1.10 1.15 1.20	per "	day.
Jan. 1855	10 10 10	$\begin{array}{c} 2 \\ 2 \\ 1 \end{array}$	M M M	1, 00 1, 05 1, 10	44 66 16	6.6 6.6	ı	Average	10	12	M	1.10	44	**
Average		5	M	1.04		"	,	Jan. 1857	10 10 10	13 1 5	M M M	1.00 1.10 1.20	44	**
July 1855	10 10 10	3 1 2	M M M	1.00 1.05 1.10	44	66		Average	10	19	м	1,06	44	16
Average	10	6	M	1.04	44	и,		July 1857	10 10	11 1	M M	1.00 1.05	44	44
Jan. 1856	10 10 10	7 3 2	M M M	1.00 1.10 1.15	66 66	44 44			10 10 10	1 2 4	M M M	1. 15 1. 20 1. 25	66	44
Average	10	12	M	1.05	•	41	H	Average	10	19	М	1,08	4.6	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECTICUT—Continued.;

BOILERMAKERS' HELPERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1858	10 10	13 1	M M	\$1.00 1.25	per day.	July 1865	10 10 10	7	M M M	\$1.00 1.20	per	day.
Average	10	14	M	1.02	41 41		10 10 10	5 16	M	1. 25 1. 40	11	"
J uly 1858	10 10	13 1	M M	1.00 1.15	44 44		10 10	2 1	M	1.50 1.60 1.65	41	"
Average	10	14	М	1.01	46 46		10 10 : 10	1 4 6	M	1.70	"	66 66
Jan. 1859	10 10	11 1	M M	1.00 1.05	44 44		10	1	M	1.85 2.00	44	"
Average	10	12	М	1.001	16 66	Average	1	48	М	1.471	66	44
Jan. 1862	10 10 10	1 1 4	M M M	1,00 1,10 1,20	46 FE 46 FE 18 FE	Jan. 1866	10 10 10 10	6 1 1 5	M M M	1.00 1.25 1.40 1.50	66 66 66 66	66 66 66
Average	10	6	M	1.15	46 46		10	1	M	1.60 1.65	64	11
July 1862	10 10	1 4	M M	1.00 1.20	11 81		10 10 10	2 5 2	M M M	1. 75 1. 85 2. 00	66	11
Average	10	5.	M	1. 16	44 44	Average	10	24	М	1.501	16	4.6
Jan. 1863	10 10 10 10 10 10	2 1 1 1 4	M M M M M	1. 00 1. 10 1. 15 1. 20 1. 25 1. 30	46 46 46 46 46 46 46 46 46	July 1866	10 10 10 10 10	5- 1 5 1 2	M M M M M	1. 00 1. 10 1. 15 1. 25 1. 40 1. 50	64 66 66 66 66	44 44 44 11 44
Average	10	10	М	1. 17½	66 46		10 10	7 1 2	M	1. 60	"	**
July 1863	10 10 10	1 2 8	M M M	1. 10 1. 15 1. 20	66 66 66 66		10 10 10	6	М М М	1, 75 1, 85 2, 00	"	45
	10 10 10	15 2 4 • 7	M M M M	1. 25 1. 30 1. 35 1. 40	44 44 44 44 44 44	Average Jan. 1867	10	32 3	M	1.48	"	66
Average	10	39	M	1. 27	44 44		10 10 10	$\frac{2}{1}$	M M M	1, 10 1, 15 1, 25	**	44
Jan. 1864	10 10 10	8 34 4	M M M	1.00 1.25 1.40	86 66 86 66		10 10 10 10	8 4 1 1	M M M	1.50 1.60 1.65 1.75	**	66 68 68 68
Average	10	46	М	1. 22	44 44		10 10	5 2	М	1.85 2.00	н	44
July 1864	10 10 10	7 9	M M M	1.00 1.10	46 66 16 64	Average	10	30	М	1.50	* *	44
	10 10 10 10 10 10	3 3 13 18 ,1 1	M M M M M M	1. 15 1. 25 1. 35 1. 40 1. 50 1. 60 1. 65 1. 75	66 16 66 66 66 66 66 66 66 66 66 66	July 1867	10 10 10 10 10 10	2 1 1 1 4 3	M M M M M M M	1.00 1.10 1.15 1.25 1.35 1.60	61 61 61 61 61 64	66 68 66 66 66 66
Average	10	60	- M	1.42	11 11		10 10	5 2	М	$\frac{1.85}{2.00}$	**	ü
Jan. 1865	10 10	9	M M	1.00 1.10	16 44	Average	10	21	M	1. 52½	"	41
	10 10 10	1 1 5	M M M	1. 15 1. 20 1. 25	66 45 66 45	Jan. 1868	10 10 10	2 1 2	M M M	1.00 1.20 1.75	**	44
	10 10	8 19	M	1.40 1.50	11 44	Average	10	5	M	1.34	66	**
	10 10 10 10	2 4 7 2	M M M M	1. 60 1. 75 1. 85 2. 00	45 44 46 44 44 44	July 1868	10 10 10 10	2 1 3 4	M M M M	1.00 1.20 1.50 1.75	66 66 64	44 44 44
Average	10	59	м	1. 45	44 44	Average	10	10	<u>M</u>	1, 47	44	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECTICUT—Continued.

BOILERMAKERS' HELPERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1869	10 10 10	1 2 4	M M M	\$1, 15 1, 25 1, 50	44	day.	Jan. 1877	10 10	3 1	M M	1.50	4.6	day.
	10 10	3	M	1.69 1.75	44	"	Average		. 4	М	1.314	44	44
Áverage	-10	13	M	1.513	66	44	July 1877 Jan. 1878	10 10	1 2	M M	1. 25 1. 50	66	44
July 1869	10 10 10	1 1 1	M M M	1.00 1.25 1.50	44 44 44	66 66	July 1878	10 10 10	1 1 1	M M M	1. 10 1. 25 1. 50	66 44	44 44
	10 10	10 2	M	1.75 1.85	14	"	Average	10	3	M	1. 281	4.4	44
Average	10	15	М	1. 661	66		Jan. 1879	10	2	м	1. 25	46	**
Jan. 187 0	10	3	M	1.75	44	44	July 1879	10	1	M	1.00	46	**
July 1870	10 10	1 11	M	1. 25	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	66 16		10	1 2	M	1. 10	44	44
A worn an	10	14	M	1.871	"	"	Average Jan. 1880	10	1	M	1. 15	44	"
Average Jan. 1871	10	1	M	1.00	44	44	9 am. 1000	10	3	м	1. 25	16	4.6
0 au. 1011	10	2	M	1.75	64	66 68	Average		4	M	1. 181		41
Average	10	4	M	1.59½	44		July 1880	10 10	1	M	1. 25 1. 50	**	66
Jan. 1872	10 10	1 7	M	1.50 1.75	44	66	Average	10	2	м	1. 37	**	44
Average	_	8	М	1.72	4.6	44	Jan. 1881,	10 10	1	M	1, 00 1, 25	6-6 6-6	66
July 1872	10	1	М	1.00	46	44		10 10	7	M	1.50 1.75	44	4.6
	10 10 10	2 2 5	M M M	1. 25 1. 50 1. 75	66	66	Average	10	10	М	1, 45	44	**
	- 10	1	M	1, 87	44	**	July 1881	10 10	2	M	1.00	68 68	44
Average	10	11	M	1. 55 1	46	**		10 10	1	M	1. 25 1. 35	6.6	4.6
Jan. 1873	10 10 10	1 3 1	M M M	1.00 1.50 1.75	14	66 66		10 10 10 10	16 3 2	M M M	1. 40 1. 50 1. 65 1. 75	44 44	66 66 66
Average	. 10	5	M	1.45	44	<i>,</i> "	Average		33	м	1. 421		
July 1873	10 10 - 10	1 1 3	M M M	1.00 1.50 1.75	66 66	66 66	Jan. 1882	10 10	1 1	M	1.00 1.15	44	66
Average	<u> </u>	5	M	1. 55	44	**	1	10 10	8 2	M	1.50 1.65	* 44 44	66
Jan. 1874	-10	7	м	1.75	4.6	46		10	1	M	1.75		16
July 1874	10 10 10	- 1 2 3	M M M	1.00 1.50 1.65	44 44	4.6 4.6	Average July 1882	10 10 10	13 1	M M M	1. 47½ 1. 00 1. 15	44 11	44
	10 10	6	M	1. 75	44	**		10 10	10	M	1.50 1.60	6.6 6.6	44
Average		13	M	1. 64	"	**		10 10	1	M	1. 65 1. 75	64	16
Jan. 1876	- 10 10	1 1	M M	1.00 1.65	44	46 66	Average	1	15	М	1.47		44
Average	ļ	2	M	1. 324	14	46	Jan. 1883	10 10	2	M	1.00 1.15	44	46
July 1876	10 10	1 2	M M	1. 50 1. 75	44	44		10 10 10	5 2 1	M M M	1, 50 1, 60 1, 75	11	14
Average	10	3	M	1, 66	66	46	Average	10	. 11	M	1.42	"	41

METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECT. ICUT—Continued.

BOILERMAKERS' HELPERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.
July 1883	10 10	2	M M	\$1 00 per day.	July 1887- cone'd.	10 10	6 3	M M	\$1.60 1.75	per d	lay.
	10 10 10	5 3 3	M M M	1. 50 " " 1. 60 " " 1. 75 " "	Average	10	22	М	1.501	"	**
Average	10	14	M	1.48 " "	Jan. 1888	10 10 10	1 1 1	M M M	1,00 1,25 1,50	44 44	66
Jan. 1884	10 10	1	M M M	1.00 " " 1.15 " " 1.50 " "	Average	10	1	M	1. 60 1. 33\frac{1}{2}		**
	10 10 10	5 3 1	M M	1. 60 " " 1. 75 " "	July 1888	· =10	3 3	M M	1. 25 1. 50	44	"
Average	10	11	М	1. 471 " "	Average	10	7	M M	1.60	66	**
July 1884	10 10 10 10 10	2 1 1 3 2	M M M M M	1. 00 44 44 1. 15 44 44 1. 25 44 44 1. 50 44 44 1. 60 44 44	Jan. 1889	10 10 10 10 10	1 2 3 1	M M M M	1. 25 1. 50 1. 60 1. 65	66 64 64	66
Average	10	9	M	1.341 " "	Average	10	7	М	1.53	41	"
Jan. 1885	10 10 10 10	1 1 2 1	M M M	1. 15 " " 1. 25 " " 1. 50 " " 1. 60 " "	July 1889	10 10 10 10 10 10	1 1 1 2 1	M M M M M	1. 25 1. 50 1. 60 1. 70 1. 75 2. 00	11 11 11 11	44 44 44 44 44 44 44 44 44 44 44 44 44
Average		5	M	1.40	Average	10	7	M	1.65	"	46
July 1885	10 10 10 10	1 1 1 1	M M M M	1.00 " " 1.25 " " 1.50 " " 1.60 " "	Jan. 1890	10 10 10 10	1 4 2 1	M M M M	1. 25 1. 50 1. 60 1. 70	66 66 66	44 44
Average	10	4	M	1. 331 " "	Average		8	м	1. 52	"	44
Jan. 1886	10 10	1 1	M M	1.00 44 44 1.60 44 44	July 1890	10 10	. 2 1 1	M M	1, 00 1, 25	11 11	65 66
Average July 1886	10	1	M M	1.30 " "		10 10 10	1 1 1 1	M M M M	1.50 1.70 1.75 2.00	44	61
oury roge	10 10 10	1 1 1	M M M	1. 25 " " 1. 60 " " 1. 65 " "	Average		7	М	1.45}	**	"
Average		4	М	1.41½ " "	Jan. 1891	10 10 10	$\begin{array}{c}1\\2\\1\end{array}$	M M M	1. 25 1. 75 2. 00	66 68	61 61
Jan. 1887	10 10	1	M	1.15 " " 1.25 " " 1.60 " 1.41	Average		4	M	1.681	**	"
Average	10	3	M	1. 331 44 44	July 1891	10 10 10	1 2 3	M M M	1. 25 1. 60 1. 75	46	66 64
July 1887	10 30	2	M M	1.00 " " 1.25 " " 1.50 " "	A	10 10	1	M M	1, 85 2, 00 1, 691	46	"
	10	10	М	1.50 " "	Average	10	8	JAY	1.095		

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July 1853	10 10 10 10 10 10	2 1 4 1 1 10	M M M M M	1. 25 1. 31 1. 93 1. 35 1. 37 1. 50	4.6	44	July 1853 cont'd.		1 1 1 1 15	M M M M M	1. 58 1. 58½ 1. 59 1. 62 1. 66½ 1. 67	per 6	11
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METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECTICUT—Continued.

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Payroll of—	Hours per day.	Different employés.	Sex.	Rate o	f wages	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of w	ages.
July 1853- cone'd.	10 10 10 10 10 10 10 10	7 3 1 1 12 2 1	M M M M M M M	1. 83 1. 85 1. 87 2. 00 2. 25 2. 50 2. 66½	er day.	July 1856	10 10 10 10 10 10 10 10	. 1 1 8 1 9 6 6 6	M M M M M M M	1. 37 1. 50 1. 58 1. 66½ 1. 75 1. 83 2. 00	per (lay.
Average	1	-68	M	1. 119			10 10	1	M	2.50 2.56	44	44
Jan. 1854	10 10 10 10	4 1 2 7	M M M	1. 31 1. 33 1. 50	61 E6 66 E6 65 E6	Average	10	41	M M	1.75 h	"	**
	10 10 10 10 10 10 10 10	1 12 2 9 2 14 2 1	M M M M M M M	1. 65 1. 66½ 1. 67 1. 75 1. 83 2. 00 2. 25	44	Jan. 1857	10 10 10 10 10 10 10 10 10	51 55 55 77 1	M M M M M M M	1. 25 1. 50 1. 58 1. 66½ 1. 75 1. 83 2. 00 2. 25 2. 56	66 66 66 66 66 66 66 66 66 66 66 66	46 46 46 46 46 46
Average	<u> </u>	58	м	1.75	44 44	Average	10	31	M	1.781	44	41
July 1854	10 10 10 10 10 10 10 10 10 10 10	1 3 3 1 5 2 1 11 6 15 4	M M M M M M M M M	1. 33 1. 50 1. 58 1. 65 1. 661 1. 67 1. 68 1. 75 1. 83 2. 00 2. 25	44 44 44 44 44 44 44 44 44 44 44 44 44	July 1857	10 10 10 10 10 10 10 10 10 10 10	5 2 5 7 3 5 1 2 4 1	M M M M M M M M M	1. 50 1. 58 1. 66½ 1. 75 1. 83 2. 00 2. 16½ 2. 25 2. 25 2. 88 3. 00	64 64 64 64 64 64 64 64 64 64 64 64 64 6	66 66 66 66 66 66 68
	10 10	1	M	2. 66½ 3. 00	44 44	Average	10	36	М	1. 92	11	
_Average	10	55	М	1.87	14 44	Jan. 1858	10 10 10	1 1 3	M M M	1. 25 1. 30 1. 50 1. 70	44 44 44	66
Jan. 1855	10 10 10 10 10	1 10 10 1 7	M M M M	1. 18 1. 25 1. 50 1. 60 1. 75	14 64 14 64 14 66 64 66		10 10 10 10	2 2 2 2 2	M M M M	1.75 2.00 2.50	44	44 44 48
	10	4	M	2, 00 2, 25	46 44	Average	10	13	M	1.76½	64	5.6
Average	10	25	М	1.66	44 44	July 1858	10 10 10 10	2 1 1 10	M M M M	1. 25 1. 33 1, 45 1, 50	14	44 44 44
July 1855	10 10 10 10 10 10 10	1 2 18 1 5 4	M M M M M M	1. 25 1. 40 1. 50 1. 65 1. 75 2. 00 2. 56	11 14 11 44 44 44 14 41 14 44		10 10 10 10 10 10 10	1 1 4 1 1 1 2	M M M M M M	1. 60 1. 70 1. 75 1. 83 2. 00 2. 25 2. 50	46 46 46	44 46 44 44 44 44
Average	10	32	М	1.621	** **	Average	10	25	м	1.661	11	44
Jan. 1856 Average	10 10 10 10 10 10 10	3 1 9 1 13 7 3 6 1	M M M M	1. 25 1. 37 1. 50 1. 58 1. 66 1. 75 1. 83 2. 00 2. 56	66	Jan. 1859	10 10 10 10 10 10 10 10 10 10	2 1 1 2 1 1 20 1 1 1 8 5	M M M M M M M M M	1. 83 1. 37 1. 37 1. 40 1. 42 1. 45 1. 50 1. 60 1. 70 1. 75 2. 00	44 44 44 44 44 44 44 44 44	44 44 44 44 46 46 46 46 46

METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECT. ICUT—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroli oi—	Hours per day.	Different employés.	Sex.	Rate	of '	wages
Jan. 1859– conc'd.	10 10	1 2	M M	\$2. 25 2. 50	6.6	day.	Jan. 1864 cone'd.	10 10 10	I 16 24	M M M	\$2.15 2.25 2.50	per	day.
Average	10	46	M	1.641	44	41		10 10	1 5	M	2, 75 3, 00	44	44
Jan. 18 62	10 10 10	9 1 1	M M M	1.50 1.58 1.60	- 55	16 16	A woma oo	10	69	M	3.06½ 2.32¼	46	16
	10	10	M	1.65	11	44	Average	1	1				
	10 10	6 16	M' M	1. 67 1. 75	4.4	64	July 1864	10 10	6 14	M	2.00 2.25	44	44
	10 10	2 2	M	1.83	66	44		10 10	12 17	M	2.50 2.75	44	44
	10	3	M	1.84	64	44	- 1 2.	10	13	M	3.00	44	45
	10 10	1 9	M	1.90 2.00	4.6	44		10	$\frac{2}{1}$	M	3. 25 3. 50	**	46
	10 10	4	M	2. 25 2. 50	44	44	Average	10	65		2.601	14	44
Average	10	65	М	1. 77살	44	** *	Jan. 1865	10	3	M M	2.00 2.25	66	86 16
July 1862	10	6	M	1.50	66	64		10 10	3 8	M	2.50	44	64
_	10	1 1	M	1.58 1.60	44	86		10 10	17	M M	2.75 3.00	11	64
	10 10	9 5	M	1.65	64	44		10	3	M	4 . 25	44	44
	10	.16	M	1. 67 1. 75	44	4.6			5		3.50		
	10 10	1 2	M	1.83 1.831	44	16	Average	10	52	M	2.801		**
	10	3 2	M M	1.84	44	44	July 1865	10	4	M	2.00 2.25	44	66 46
	10 10	1 1	,M	1.85 1.90	6.6	4.6		10 10	9	M M	2.50	44	66
	10 10	1 8	M	1.92 2.00	66	44		10 10	14 13	M M	2.75 3.00	44	44
	10 10	5	M	2. 25 2. 50	16	66		10	2 5	M	3. 25 3. 50	41	65
Average		62	M	1.80	44	**	Average		51	м	2.761	41	44
Jan. 1863	10	2	M	1, 65	44	**	Jan. 1866	10	1	M	2.00	14	14
•	10 10	5 11	M	1.67	44	44	Jun. 1000	10	2	M	2, 25 2, 50	64	64
	10	3	M	1.75 1.85	44	14		10 10	12 7	M M	2.75	44	4.6
	10 10	17	M	1.90 2.00	44	66		10 10	20 2	M M	3.00 3,25	11	66
	10	1	M	2. 10	44	64	•	10	5	Ж	3, 50	4.6	46
i	10 10	2 2	M	2.17 2.20	4.6	6.6	Average	10	49	М	2, 85	41	1
	10 10	9 4	M	2. 25 2. 50	4.6	**	July 1866	10	2	М	2.00	44	44
	10	1	M	3.00	44	44	0 423 2000	10	3	M	2, 25 2, 50	61	14
Average	10	58	м	2.01	44	44		10 10	8	M	2.60	66	11
July 1863	10	1	м	1. 65		64		10 10	22 30	M M	2. 75 3. 00		64
•	10 10	7	M	1.67	66	44		10	4.	M	3, 25 3, 50	46	44
i	10	1	м	1.75 1.82	"	44		10	9	M			44
	10 10	1 2	M	1.83 1.84	6.6	14	Average	10	79	M	2.89		
	10 10	2 5 2 1	M	1.85 1.90	4.6	66	Jan. 1867	10	1	M	2.00	44	66
	10	î	M	1.92	4.6	44		10 10	2 3	M	2, 25 2, 50	11	66
	10 10	30 1	M M	2, 00 2, 15	6.6	44		10 10	1 16	M M	2.60 2.75	44	44
	10 10	2 16	M M	2, 17	44	44		10	18	M	3,00	6 6 6 6	44 48
	10	. 11	M	2. 50	64	44		10 10	7	M	3. 25 3. 33	44	44
	10	2	<u>M</u>	3.00	**	44		10 10	7	M	3.50 3.75	44	#
Average	10	86	M	2.08	**	44	Average	10	57		2.96	н	**
Jan. 1864	10 10	2 1	M	1.75 1.85	44	14	July 1867	10	1	м	2.00	44	44
	10	18	M.	2.00	44	46	H o m'h roci	10	1	M	2, 25	#	#

METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECTICUT—Continued.

MACHINISTS-Concluded.

Payroll of—	day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Bours per day.	Different employés.	Sex.	Rate	of	wages.
July 1867-	10	2	M	\$3.50	per	day.	Jan. 1870-	10	5	м	\$2.75	pe:	r day.
conc'd.	10		M	2.60		14	conc'd.	10	6	M	3.00	4.6	11-
	10	16	M	2.75	41	44		10	5	M	3. 25	6.6	1.6
	10 10	16 6	M	3.00	66	44		10	\ 6	M	3, 50	4.4	4.6
	10	I	M	3. 25 3. 33	44	44	il .	10	1	M	3.75	14	4.6
	10	8	M	3, 50		14	Average	10	31	M	2, 941	64	44
Average	10	52	м	2. 971	**	**	July 1870	10	1	M	2.00	44	61
- 4040					14			10	5	M	2. 25	4.4	131
Jan. 1868	10	1	M	2.00	44	**]]	10	3	M	2.50	6.6	44
	10	1	M	2. 25	44	44		10	1	M	2.60	44	44
	10	2 1	M	2.50	44	44		10	: 4	M	2.75	4.4	1.6
	10	Ī	M	2, 60	44	66	le l	10	5	M	3,00	44	4.6
	10	5	M	2.75	44	46	1	10	4	\mathbf{M}	3. 25	4.6	н
	10	5.	- M	3.00	44	46		10	4	M	3.50	6.6	6.6
	10 10	6	M	3. 25 3. 50	44	14		10	1	М	3.75	4	4.6
Average	10	27	M	3.00%	44	44	Average	10	28	M	2.86	£ £	**
				1			Jan. 1871	10	1	M	2,00	44	4.6
July 1868	10	1	M	2.00	1.4	4.6		10	2	M	2.50	6.6	EX.
	10	1	M	2.60	4.6	44	l)	10	ï	M	2.60	6.6	4.6
	10	6	M	2.75	6.6	66		10	ī	M	2.621	44	6.6
	10	3	M	3.00	44	** .		10	3	M	2.75	44	6.6
	10	6	M	3.25	4.4	6.6		10	1	M	2.871	61	4.6
	10	6	M	3.50	6.6	6.6	1	10	4	M	3.00	6.6	4.6
	10	1	M	3.75	4.6	6.6		10	3	M	3. 25	4.5	4.6
Average	10	24	M	3.10		1.6		10	3	M	3.50	6.4	64
Jan. 1869			ľ			44	Average	10	19	M	$2.92\frac{1}{2}$	4.6	44
9 au. 1009	10	$\frac{1}{2}$	M	2.00 2.25	6.6	6.6	T-1-1071	10	, ,	3.5	0.00		11
	10 10	6	M	2.50	1.5	6.6	July 1871	10 10	1	M	2. 00 2. 50	14	15
i	10	1	M	2. 60	16	14	1	10	1	M	2. 60	4.6	44
	10	177	M	2.75	4.4	44	l i	10	: 5	M	2.75	44	6.6
	10	7 3	M	3, 00	6.6	44		10	. 2	M	3.00	14	4.4
	10	5	M	3. 25	6.6	65	į į	10	3	M	3. 25		п
	10	5	M	3.50	64	44		10	. 8	M	3, 50	6.6	**
Average	10	30	M	2.87	44	"	Average	10	16	М	2. 941	44	44
July 1869	10	1	M	2.00	4.4	6.6	July 1872	10	2	м	2,00	44	н
	10	2	M	2, 25	4.6	6.6		10	4	M	2.50	4.5	66
	10	2	M	2.50	6.6	11		10	. 3	M	2. 62	6.6	44
	10	1	M	2, 60	16	41		10	. 3	M	2.75	64	4.4
	10	1 8 8	M	2.75	6.6	44	į l	10	4	M	2.87	6.6	4.4
	10	Ř	M	3,00	6.6	44		10	. 3	M	3, 00	6.6	4.4
	10	7	M	3. 25	44	44		!					
	10	6	_M_	3. 50	46	66	Average	10	19	M	$2.66\frac{1}{2}$	14	п
Average	10	37	M	2, 94	4.6	44	Jan. 1873	10	3	M	2.50	44	A) Di
Tem 1000	10	_ 1	36		44			10	4	M	2.75		11
Jan. 1870	10	1	M	2.00		16		10	1	M	2.87	- 11	
	10	4	M	2. 25	14	66		10	6	M	3.00	•••	
	10 10	2 1	M	2.50 2.60	44	"	Average	10	14	M	2.81	44	66
							s' helper				1		

J uly 1853	10 10 10	12 6 2	M M M M	.92 1.00 1.12	66	day.	Jan. 1854- conc'd.	10 10 10	1 1	M M M	$\begin{array}{c c} 1,12 \\ 1,16\frac{1}{2} \\ 1,17 \end{array}$	- 11	day.
	10 10 10	1	M	1. 16½ 1. 17 1. 25	66	44	Average	10	20	M	. 991		41
Average		23	M	. 991	44	46	July 1854	10 10	4 1	M	1.00 1.10	4.4	44
-				-		**		10 10	1	M	1, 12 1, 17	44	66
Jan. 1854	10 10 10	8 8 1	M M M	1.00 1.10	44	16	Avérage	10	. 9	M M	1. 25 1. 10		"

METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECTIOUT—Continued.

MACHINISTS' HELPERS-Continued.

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Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wagee
Jan. 1855	10 10 10	3 8 1	M M M	\$0.90 1.00 1,10	per	day.	Jan. 1863	10 10 10	6 2 1	M M M	\$1.00 1.10 1.15	per	r day.
Average	10	12	M	. 981	44	44.		10	9	M	1. 25 1. 38	11	16 66
July 1855	10 10 10	1 8 1	M M M	. 90 1. 00 1. 10	46 64	44 44 44		10 10 10 10	1 2 2 2 1	M M M M	1.40 1.50 1.60 1.65	66	66 66 66
Average	10	10	M	1.00	64	16	Average	10	25	М	1. 25	**	44
Jan1856	10 10 10 10	1 3 5 2	M M M M	1.00 1.12 1.25	66 66 66	/ 66 61 64	July 1863	10 10 10 10	3 5 2	M M M M	1.00 1.10 1.15 1.17	66 66	66 66
Average	10	11	М	1.09	44	44		10 10	13 1	M M	1, 25 1, 35	64	44
J uly 1856	10 10 10 10	1 2 4 2	M M M M	. 90 1. 00 1. 12 1. 25	61 61 66	68 66 64		10 10 10 10 10	2 1 3 2 1	M M M M M	1. 38 1. 40 1. 50 1. 60 1. 65	46 44 44	46 46 46 66 66
Average	10	9	M	1.10		**	Average	10	37	M	1. 26	44	44
Jan. 1857	10 10 10 10	1 2 4 2	M M M M	. 90 1. 00 1. 12 1. 25	66 66 66	66 66	Jan. 1864	10 10 10 10	.2 2 3 10	M M M M	1.00 1.10 1.15 1.25	66 66 66,	44 44 44
Average	10	9	м	1. 10	56	44		10 10	2 1	M M	1.30 1.35	64	44
July 1857	10 10 10	4	M M M	1. 00 1. 12 1. 25	6 E	6 6 6 6		10 10 10	2 8 1	M M M	1.40 1.50 1.67	66 66	66 46
Average	10	9	м	1.08	41	46	Average	_10	31	M	1.31	64	16
Jan. 1858	10	6	м	1.00	**	**	July 1864	10 10	17 13	M	1. 25 1. 40	66	16 11
July 1858	10 10 10	5 1 2	M M M	1.00 1.10 1.25	6 E 6 E	11 11	Average	10 10	9 2	M M	1. 50 1. 75 1. 371	44	"
Average	10	8	<u>M</u>	1.071	4.6	64	Jan. 1865	10	3	M	1, 25	44	16
Jan. 1859	10 10 10 10 10	9 1 2 1 6	M M M M M	1. 00 1. 15 1. 17 1. 20 1. 25 1. 30	61 61 61 64	1 c 4 6 6 6 6 6 6 6	Average	10 10 10 10 10	17 9 1 1 1	M M M M M	1. 40 1. 50 1. 75 1. 85	64 64 64	14 14 14 14 14 14 14 14 14 14 14 14 14 1
	10	i l	M	1. 33	44	"	July 1865	10	2	м	1, 25	"	41
Average Jan. 1862	10	21 11	M M	1. 13½ 1. 00	66	46	0 ary 1805	10 10 10 10	19 10 1	M M M	1. 40 1. 50 1. 85	66 66 66	44 . 46
	10 10 10	1 1 2 2	M M M	1. 10 1. 13 1. 21	44	44 66	Average	10	32	М	1, 431	"	16
İ	10 10 10	2 2 1	M M M	1. 25 1. 40 1. 42	6 E 6 E	66 66	Jan. 1866	10 10 10	1 9 9	M M M	1. 25 1. 40 1. 50	14 88 18	66 66
Average	10	20	M	1.12	64	**		10 10	1	M	1.65 1.85	14	44
July 1862	10 10 10	12 1 2	M M M	1.00 1.13 1.21	44 44	16 66	Average	10	21	M	1.47	44	44
	10 10 10 10	2 2 1 2	M M M	1. 25 1. 40 1. 42 1. 50	6 6 6 6	6 6 6 6 4 8	July 1866	10 10 10 10	21 5 - 2 1	M M M	1.60 1.65 2.00	66 64 68	11 11
Average	10	22	M	1.15	66	44	Average	10	29	M	1.541	46	15

METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECTICUT—Continued,

MACHINISTS' HELPERS-Concluded.

Payroll of—.	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages
Гап. 1867	10 10 10 10 10	14 8 2 1	M M M M	\$1, 50 1, 60 1, 65 1, 80 2, 00	per	day.	July 1869.	10 10 10 10	1 5 3 3	M M M M	\$1.50 1.60 1.75 2.00	per	day.
Average	_10	26	M	1. 571	"	**	Average	10	12	M	1. 73	1.6	**
Tuly 1867	10 10 10	8 10 2	M M M	1.50 1.60 1.65	61 61	66 66	Jan. 1870	10 10 10	4 1 2	M M M	1.60 1.75 2.00	11	"
	-10 10 10	1 1 1	M M M	1, 75 1, 80 2, 00	44	44	Average	10	. 7	M	1.731	4.5	64
Average	10	23	м	1.60	66	**	July 1870	10 10 10	3 2 3	M M M	1.60 1.75 2.00	64 66	44 46
Jan. 1868	10 10 10 10	5 2 1	M M M	1. 60 1. 65 1. 75 1. 80	66	66 64 64	Average		8	M	1.781	"	
Average	10	10	M	2.00	14	**	Jan. 1871	10 10 10	2 2 2	M M M	1.60 1.75 2.00	44 86 46	66 66
Tuly 1868	10 10	4 7	M	1.50 1.60	11	66	Average	10	6	М	1.781	64	**
	10 10 10 10	1 1 1	M M M M	1.65 1.75 1.80 2.00	44	66 66	July 1871	10 10 10	2 2 1	M M M	1, 60 1, 75 2, 00	6 6 6 6	61 61
Average	10	15	M	1.621	4.6	44	Average	10	. 5	М	1.74	66	66
Tan. 1869	10 10 10 10 10	3 5 1 1	M M M M	1.50 1.60 1.75 1.80 2.00	66 66 66	44 44 66 66	July 1872	10 10 10 10	1 2 2 1	M M M M	1.50 1.58 1.66 1.75	44	84 ' 16 41
Average	10	11	м	1.64	c t	44	Average	10	6	м	1.62	46	**

PATTERNMAKERS.

July 1853	10	2	м	1.50	ner	day.	July 1855	10	3	м	1.75	per	day.
u (1000	10	2 1	M	1.58	Por	11	0 413 1000	10	4	M	2.00	Pox	11
	10	5	M	1.663		64		10	i	M	2. 25	41	4.4
•					44	4.6	1) 1	10	, ,	111	2. 20		
	10	4	M	1.75	- 44	44		- 40		3.6	1 001	44	4.6
	10	1	M	2.00	•••	••	A.verage	10	1 8	M	1. 931	•••	
Average	10	13	M	1.68%	4.6	6.5	T 1056	10	١,	м	1 001		
]				Jan. 1856		1 3		1.661	44	4.6
Jan. 1854	10	1	M	1,50	4.6	6.6		10		М	1.75		
01411. 2002	10	Î	M	1.58	11	**		10	4	м	2.00	4.4	4.6
	10	3	M	1. 664	8.8	44							
					44		Average	10	8	M	1.86%	6.6	44
	10	4	M	1.75	66	45					~		
	10	1	M	2.00	**	**							
							July 1856	10	ļ: 1	M°	1.66%	* *	4.6
Average	10	10	M	1.70%	6.6	44		10	2	M	1.75	4.6	4.6
·				_ ^				10	2	M	1.83	6.6	4.4
July 1854	10	2	M	1.661	4.6	4.4	-	10	4	M	2.00	"	44
,	10	2	M	1.75	4.6	6.6	11 1		·				
	10	î	M	1.83	6.6	44	Average	10	9	M	1.87	4.6	6.6
	10	6	M	2.00	44	4.6	ZE TOTAL	40			2101		
	10	1	M	2. 25	44	44	ll i						
	10	1	IVL	2. 20			Jan. 1857	10	2	M	1, 50	4.4	44
					44	6.6		10	2	M	1.75	4.6	6.6
Average	10	11	M	1.921		**	11 1	10	. 2	M	1.83	1.6	4.6
		,		i				10	4	M	2,00	4.6	4.6
Jan, 1855	. 10	2 3	M	1.60	4.6	66		10	*	272	A. 00		
	10	3	M	1. 75	4.4	6.4	A woma ma	10	10	M	1.811	6.6	44
	10	ĭ	M	2.00	14	66	Average	10	10	TAT	1.013		
Average	10	6	м	1.74	66	41	July 1857	10	2	M	1,50	16	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECT. ICUT.—Continued.

PATTERNMAKERS Continued.

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Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of v	wages.
July 1857- conc'd.	10 10	. 2 5	M	\$1.75 2.00	**	day.	Jan. 1866	10 10 10	2 1 5	M M M	\$2. 25 2. 65 2. 75	66	day.
Average	10	9	M	1.831	**	44		10	2	M	3.00	44	u
Jan. 1858	10 10	8	M	1.50 1.66½	46	44	Average		10	M	2.69	41	11
Average	10	10	М	1.63	44	61	July 1866	10 10 10	2 1	M	2. 50 2. 75	66 66	"
July 1858	10 10	7	M M	1.50 1.75	66	66		10	5 1	M	3, 00 3, 25	66	11
Average	10	8	M	1.72	44	41	Average	10	9	M	2.89	44	46
Jan. 1859	10 10	3 7	M M	1,50 1,75	44	66	Jan. 1867	10 10	2 4	M M	2.50 3.00	66 66	46 66
Average	· 10	10	M	1. 671	4.6	44		10 10	1	M	3. 25 3. 50	"	11
July 1862	10 10	3 5	M M	1.50 1.75	6 6 6 6	"	Average	.10	8	M	2.97	46	££
Average	10 10	5 1 14	M M	2.00 2.50 1.84	41	44	July 1867	10 10 10	2 3 2 1	M M M	2.75 3.00 3.25	66 66	15 65 45
Jan. 1863	10	1	M	1.50		44		10		M	3.50	"	"
	10 10	1 6	M	1.67 1.75	44	66	Average	10	8	M	3.061		
Average	10	6	M	2.00 1.83½	**	**	Jan. 1868	10 10 10	1 2 2	M M M	2. 25 2. 75 3. 00	66 66	66 66
July 1863	10		м	1.75	+4	44		10 10	2 2 1	M	3. 25 3. 50	66	# .
-	10 10 10	5 7 1 2	M M M	2. 00 2. 10 2. 17	44	66 61	Average		8	M	2. 97	44	"
	10	1		2. 25	41	"	July 1868	10	1	M	2. 25	44	**
Average	10.	16	М	1.961	4.6	11		10 10	2 1	M	2.75 3.00	44	16
Jan. 1864	10 10	10 1	M M	2.00 2.10	66	44		10 10	2 2	M M	3. 25 3. 50	44	11.5
	10 10 10	5 1 1	M M M	2. 25 2. 50 3. 00	**	44 64	Average	10	8	М	3.03	44	ıı
Average	10	18	М	2.16	44	44	Jan. 1869	10 10	2 1	M M	2. 25 2. 75	44	46
July 1864	10	3	M	2.00	66	44		10 10	1	M	3.00 3.25	44	16
o dig inor	10	8	M	2. 25	44	44		10	2 2	M	3. 50	. 44	16
	10 10 10	1	M M M	2. 50 2. 75 3. 00	44	**	Average	10	8	м	2. 97	**	**
Average	10	17	M	2.34	44		July 1869	10 10	1	M M	2.50 3.00	16	£4
Jan. 1865	10	1 1	M	2.00	66	66		10 10	3	M	3. 25 3. 50	"	16
	10 10	5 2	M	2, 25 2, 50	66	61 64	Average	10	7	M	3. 211	24	44
	10 10	1 2	M	$\frac{2.75}{3.00}$		66	Jan. 1870	10	1	M	2.50	14	£6
Average	10	11	M	2, 453	4.4	**		10 10	1 2 3	M M	3. 25	14	44
July 1865	10 10	3 2	M M	2, 25 2, 50	44	44		10		M	3.50	"	
	10 10	1 1	M M	2.60	11	44	Average	10	7	M	3. 211	44	65
	10	1	M	2.75 3.00	4.6	64	July 1870	10	2 2	M M	3.25 3.50	44	
Average	10	8	M.	$2.51\frac{1}{3}$	+ 6	44	Average	10	4	M	3.37	££	16

METALS AND METALLIC GOODS: ESTABLISHMENT No. 55, CONNECTICUT—Concluded.

PATTERNMAKERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of v	wages.
Jan. 1871	10 10	2 2	M M	\$3, 25 3, 50	per	day.	July 1872	10 10 10	. 1	M M M	\$3, 25 3, 33	- 6.6	day.
Average	10	4	M	3.371	44	10	Average		3	M	3. 36		
July 1871	10 10	1 2	M M	3. 25 3. 50		64 e1	Jan. 1873	10 10	1 3	M M	2.00 3.50		64 64
Average	10	3	M	3.411	"	11	Average	10	4	M	3, 121	44	66

PATTERNMAKERS' HELPERS.

July 1853	10 10	5 1	M M	1.00	per	day.	Jan. 1857- cone'd.	10	1	M	1.10	per	day.
							Average	10	2	M	1.05	4.6	4.6
Average	10	6	M	1.01	6.6	44		40	ا _ ا				
!			~-	!	14	66	July 1857	10	, 1	M	1.00	6.6	64
Jan. 1854	10	4	M	1.00			ļļ l	10	1	M	1.10	14	64
	10	1	M	1.10	4.6	44	. -		-	7			
. (<u> </u>		65	46	Average	10	. 2	M	1.05	44	44
Average	10	5	M	1.02	**	**				~-			
		_		l	44		Jan. 1858	10	1	M	1.00		44
July 1854	10	3	м	1.00		44	July 1858	10	2	M	1.00	44	44
	10	1	M	1.10	4.6	41	Jan. 1859	10	. 2	\mathbf{M}	1.00		44
							July 1863	10	2	M	. 75	"	44
Average	10	4	M	1.021	6.6	44	Jan. 1864	10	2 2 2	\mathbf{M}	. 75	4.6	44
- 1							July 1864	10	2	M	1.00	14	44
Jan. 1855	. 10	3	М	1.00	6.6	6.6	Jan. 1865	10	2	\mathbf{M}	1.50	44	44
July 1855	10	3 2	M	1.00	44	4.6	July 1865	10	1	M	1.50	6.6	44
Jan. 1856	10	2	M	1.00	6.4	6.6	Jan. 1866	10	. 2	\mathbf{M}	1, 50	6.6	4.6
							July 1866	10	2	M	1.65	"	4.5
July 1856	10	1	M	1.00	11	44	Jan. 1867	10	2	M	1.65	11	
,	10	1	M	1.10	4.4	44	July 1867	10	2	M	2.00	6.6	4.6
							Jan. 1868	10	1	M	2,00	11	4.4
Average	10	2	M	1.05	4.6	6.6	July 1868	10	. 1	\mathbf{M}	2.25	16	44
							Jan. 1869	10	1	\mathbf{M}	2, 25	6 6	4.6
Jan. 1857	10	1	М	1.00	64	**						•	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTIOUT.

ANNEALERS.

"	#												
July 1880	10 10	1 1	M M	1. 40 2. 50	per	day.	Jan. 1883	10 10	1	M M	1.50 2.25	per	day.
^\ Average	10	2	M	1.95	**	4.6	Average	10	2	M	1.87	44	44
Jan. 1881	10 10	1 1	M M	1.40 2.50	"	44	July 1883	10 10	1 1	M M	1.50 2.25	44	44
Average	10	2	M	1.95	4.6	4.6	Average	10	. 2	M	1.871	**	44
July 1881	10 10	1 1	M M	1.40 2.50	44	11	Jan. 1884	10 10	1 1	M M	1.50 2.40	44	44
Average	10	2	M	1.95	66	**	Average	10	2		1.95	44	44
Jan. 1882	10	1	M	2.00	44	**	July 1884	10		м	1, 35	66	44
July 1882	10	1	М	1. 50	44	6 E	0 dry 1004	10	i	M	2.40	44	44
A srome cre	10	• 1	M	2. 25 1. 87k	••		Average	10	2	м	1.871	44	**
Average	10	2	TAT.	1.0/5			ll i		1;	'			

17509, pt. 2----65

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECT. ICUT—Continued.

ANNEALERS-Concluded.

					AMMERLEN						
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.	Payroll of-	Hours per day.	Different employés.		Rat	e of wages
Jan. 1885 July 1885 Jan. 1887 July 1887 Jan. 1888 July 1888	10 10 10 10 10 10	1 1 1 1 1	M M M M M	\$1.50 1.50 2.00 2.00 2.00 2.00 2.00	per day.	Jan. 1889 July 1889 Jan. 1890 July 1890 Jan. 1891 July 1891	10 10 10	1 1 1 1 1 1	M M M M M	\$2.00 2.00 2.00 2.00 2.00 2.00 2.00	per day.
					BLACE	CSMITHS.					
Jan. 1853	10	1	М	1.50	per day.	July 1874	10	1	M	3. 25	per day.

									· · · · · · · · · · · · · · · · · · ·					
Jan. 1853 July 1853 Jan. 1854	10 10 10	1 1 1	M M M	1.50 1.50 1.663	per	day.	July 1874	10 10	1 1	M	3. 25 3. 50	per	day,	
July 1854 July 1858	10 10	1 1	M M	1.66½ 1.58	"	64	Average	. 10	2	М	3.37	44	"	
Jan. 1859 July 1859 Jan. 1860	10 10 10	1 1 1	M M M	1. 75 1. 75	11	"	Jan. 1875	10 10	1 1	M M	3. 25 3. 50	44	66	
July 1860 Jan. 1861	10 10	1	M	1, 75 1, 75	66 66	66 66	Average	10	2	M	3. 371	46	••	
July 1861 Jan. 1862 July 1862	10 10 10	1 1 1	M M M	1.75 2.00 2.00	46	66	July 1875	10 10	1 1	M M	2. 92½ 3. 15	44	"	
Jan. 1863 July 1863 Jan. 1864	10 10 10	1 1 1	M M M	2, 00 2, 00 2, 25	11	44 64	Average	10	2	M	3.031	ıı	"	
July 1869	10 10	1	M M	3. 25 4. 00	"	"	Jan. 1876	10 10	1 1	M M	2.70 3.15	"	6 6 6 6	
Average	10	2	М	3, 621	44	4.6	Average	10	2	М	2. 921	66	64	
Jan. 1870 July 1870 Jan. 1871	10 10 10	1 1 1	M M M	3. 50 3. 25 3. 25	64 64	44 44	July 1876 Jan. 1877 July 1877	10 10 10	1 1 1	M M M	2.80 2.80 2.50	4.6 6.6	11	
J uly 1871	10 10	1	М	3. 00 3. 25	44	66	Jan. 1878 July 1878 Jan. 1879	10 10 10	1 1	M M M	2.50 2.50 2.50	11	66 66	
Average	10	2	M	3. 121	64	64	July 1879 Jan. 1880	10 10	1	M M	2.50 2.50	14	11	
Jan. 1872	10 10	1	M	2.75 3.00	"	66	July 1880 Jan. 1881 July 1881	10 10 10	1 1 1	M M M	2.75 2.75 3.00	**	66 66	
	10	1	M	3. 25	8.6	44	Jan. 1882 July 1882	10	Î 1	M M	3. 00 3. 50	"	41	
Average	10	3	M	3.00	66	44	Jan. 1883	10	. 1	M	3, 50	11	41 11	
July 1872	10 10	1 1	M M	3, 00 3, 50	6 E	46	July 1883 Jan. 1884 July 1884	10 10 10	1 1 1	M M M	3.50 3.50 3.25	44	41	
A.verage	. 10	2	М	3. 25	44	16	Jan. 1885 July 1885	10 10	1 1	M	3. 25 3. 25	66	44	
Jan. 1873	10 10	1	M M	3.00 3.50	64 64	44	Jan. 1886 July 1886 Jan. 1887	10 10 10	1 1 1	M M M	3, 25 3, 25 3, 25	* 11	66	
Average	10	2	M	3. 25	6 6	44	July 1887 Jan. 1888	10 10	1	M M	3. 25 3. 25	44	"	
July 1873	10 10	1	M M	3, 25 3, 50	66	44	July 1888 Jan. 1889 July 1889	10 10 10	1 1 1	M M M	3. 25 3. 25 3. 25	11	££	
Average	10	2	М	3. 37½	6.6	46	Jan. 1890 July 1890	10 10	1 1	M M	3.50 3.50	14	44	
Jan. 1874	10 10	1	M M	3, 25 3, 50	44	£4 £6	Jan. 1891 July 1891	10 10	1	M M	3, 50 3, 50	"	"	
Average	10	2	M	3. 371	11	44								
							1			1				

BLACKSMITHS' HELPERS.

Jan. 1853 1 July 1853 1 July 1864 1	i	M M M	1.00 per day. 1.00 " " 1.374 " "	Jan. 1865 July 1865 Jan. 1866	10 10 10	1 M 1 M 1 M	1. 45 1. 45 1. 45	per day.
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METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

BLACKSMITHS' HELPERS Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages	=
July 1866 Jan. 1867 July 1867 Jan. 1868 July 1868 Jan. 1869 July 1869 Jan. 1870	10 10 10 10 10 10 10 10	1 1 1 1 1 1	M M M M M M M	\$1.50 pe 1.50 ii 1.50 ii 1.50 ii 1.50 ii 1.50 ii 1.62½ ii	46	July 1875 Jan. 1876 July 1876 Jan. 1877 July 1877 Jan. 1878 July 1878 July 1878	10 10 10 10 10 10	2 2 2 -1 1 2 1	M M M M M M	\$1.50 1.50 1.35 1.35 1.20 1.20 1.20 1.20	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	day.	
July 1870	10 10	1 1	M M	1. 62½ 1. 66½ 1. 66½	44	July 1879 Jan. 1880 July 1880 July 1881	10 10 10	1 1 1	M M M	1, 20 1, 20 1, 25 1, 25	44		
Average Jan. 1871	10 10 10	1 1	M M M	1. 64½ 1. 62½ 1. 66½ 1.		Jan. 1882 July 1882 Jan. 1883 July 1883	10 10 10	1 1 1 1	M M M M	1. 40 1. 50 1. 50 1. 50	4 E 4 E 5 E 6 E	66 66 66	
Average July 1871 Jan. 1872	10 10 10	2 2 2	M M M	1. 64½ 1. 66½ 1. 66½ 1. 66½	44	Jan. 1884 July 1884 Jan. 1885 July 1885 Jan. 1887	10 10 10	1 1 2 1	M M M M	1.50 1.45 1.45 1.50 1.50	66	61	
July 1873	10 10	I 1	M M	1. 661 1. 75		July 1887 July 1888 Jan. 1889 July 1889	10 10 10	1 1 1	M M M	1. 50 1. 25 1. 25 1. 50	64 64 66	6 6 6 6 6 6	,
Jan. 1874 July 1874 Jan. 1875	10 10 10 10	1 1 1	M M M	1. 70½ 4 1. 66½ 4 1. 66½ 4 1. 66½ 4	44	Jan. 1890 July 1890 Jan. 1891 July 1891	10	1 1 1	M M M M	1, 50 1, 663 1, 663 1, 663	11 11 11	64 64 65	,

ENGINEERS.

				ENG	INDEDIO.					
Jan. 1853 July 1853 July 1853 July 1854 July 1854 Jan. 1855 July 1856 July 1856 July 1857 July 1857 July 1857 July 1858 Jan. 1869 July 1860 July 1860 July 1861 July 1861 July 1863 July 1863 July 1863 July 1863 July 1863 July 1863 July 1863 July 1863 July 1863 July 1863 July 1863 July 1863 July 1863 July 1863 July 1863 July 1863 July 1864 July 1864 July 1865 July 1865 July 1865 July 1865 July 1865 July 1865 July 1865	10 10 10 10 10 10 10 10 10 10 10 10 10 1	111111111111111111111111111111111111111	M M M M M M M M M M M M M M M M M M M	1. 16½ per day. 1. 25 """ 1. 33 """ 1. 66½ """ 1. 66½ """ 1. 66½ """ 1. 66½ """ 1. 66½ """ 1. 66½ """ 1. 66½ """ 1. 166½ """ 1. 166½ """ 1. 166½ """ 1. 166½ """ 1. 16½ "" 1. 16½ "" 1. 16½ "" 1. 16	Jan. 1873 July 1873 July 1873 July 1874 July 1874 July 1875 July 1876 July 1876 July 1877 July 1877 July 1877 July 1878 July 1879 July 1879 July 1879 July 1879 July 1879 July 1879 July 1879 July 1879 July 1879 July 1879 July 1879 July 1880 July 1880 July 1880 July 1882 July 1882 July 1882 July 1883 July 1883 July 1884 July 1884 July 1884 July 1884	10 10 10 10 10 10 10 10 10 10 10	11,11,11,11,11,11,11,11,11,11,11,11,11,	M M M M M M M M M M M M M M M M M M M	3.00 3.00 3.00 3.00 3.00 3.00 2.75 2.75 2.75 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.5	per day. (1
July 1863 Jan. 1864	10 10	1 1	M	1.50 " " 1.66	Jan. 1883 July 1883	10 10	1	M M	2.75 2.75	64 64 64 44
Jan. 1865 July 1865 Jan. 1866	10 10 10	1 1 1	M M M	2.00 " " " 2.00 " "	July 1884 Jan. 1885 July 1885	10 10 10	1 1 1	M M M	2.75	14 44
July 1866 Jan. 1867 July 1867 Jan. 1868	10 10 10 10	1 1 1 1	M M M	2. 25 " " " 2. 25 " " "	Jan. 1886 July 1886 Jan. 1887 July 1887	10 10 10	1 1 1	M M M M	2.75 2.75 2.75	66 66 61 66 65 86 66 86
July 1868 Jan. 1869 July 1869 Jan. 1870	10 10 10	1 1 1	M M M	2.50 " " 2.50 " " 2.75 " "	Jan. 1888 July 1888 Jan. 1889 July 1889	10 10 10 10	1 1 1	M M M	2,75 2,75 2,75 2,75	44 44 44 44
July 1870 Jan. 1871 July 1871 Jan. 1872 July 1872	10 10 10 10 10	1 1 1 1	M M M M M	2.75 " " " 3.00 " " 3.00 " " " 3.00 " " " 3.00 " " " " 3.00 " " " " " 3.00 " " " " " " " " " " " " " " " " " "	Jan. 1890 July 1890 Jan. 1891 July 1891	10 10 10 10	1 1 1	M M M M	2.75 2.75 3.00 3.00	44 44 46 46 46 46

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTIONT—Continued.

FOREMEN, MACHINISTS.

			-				.1		,				
Payroll of—	Hours per day.	Different employés.	Sex.	Rate o	f w	ages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of	wages.
Jan. 1853 July 1853 Jan. 1854	10 10 10	1 1 1	M M M	\$2.55½] 2.50 , 2.50	4.6	lay.	Jan. 1871	10 10	1	M M	\$4. 79 6. 39	per	day.
July 1854 Jan. 1855	10 10	1 1	M	2.75 2.75			Average	10	2	М	5.59	"	"
July 1855	10	1	M	3.00		44	July 1871	10	1	М	4.79	44	"
Jan. 1856 July 1856	10 10	1	M M	3.00 3.25	66	66		10	1		6.39		
Jan. 1857 July 1857	10 10	1 1	М Ж	3. 25 3. 83½	11		Average	10	2	M	5.59	44	41
Jan. 1858 July 1858	10 10	1 1	M M	0.003	44		Jan. 1872	10 10	1	M	4.79 6.39	11	44
Jan. 1859 July 1859	10 10	1	M	3.83½ 4.79	44	6 6 6 5	Average	10	2	M	5. 59	44	44
Jan. 1860 July 1860	10 10	1 1 1	M	4.79		6 6 6 6	July 1872	10	1	м	5.75	66	46
Jan. 1861 July 1861	10 10	1 1	M	4.79		6 6 6 6	0 413 2012	10	î	M	6.39	4.6	44
Jan. 1862	10	1 1 1	M	4.79		44	Average	10	2	M	6.07	* *	44
July 1862 July 1864	10	-1	M	4. 79 3. 25	66	"	Jan. 1873	10	1	M	5.75	64	46
July 1865 Jan. 1866	10	1	M	3. 25	46	4.4	July 1873	10 10	1 1	M M	4.79 5.75	"	44
	10	1		6. 39		14	Average	10	2		5. 27	tt	44
Average	10	2	М	4.82	44 . 1	14	Jan. 1874	10	1	м	4.79	6.6	
July 1866	10 10	1 1	M	0.108		66		10	1	М	5. 75	44	"
Average	10	2	M	4.791	46 4	16	Average	10	2	М	5. 27	••	
Jan. 1867	10 10	1 1	M M	0. 1.77		16	July 1874	10 10	1 1	M M	4. 79 5. 75	"	44
Average	10	2	M	4.791	** (Average	10	2	M	5. 27	16	11
July 1867	10 10	1	M M	2. 10		16	Jan. 1875	10 ,10	1	M M	4.79 5.75	11	41
Average	10	2	M	5. 59	"	14	Average	10	2	М	5. 27	46	"
Jan. 1868	10 10	1	M M	4.13		16	July 1875	10 10	1 1	M M	4.31½ 5.75	44	14 14
Averago	10	2	м	5. 59		4	Average	10	2	М	5.033		**
July 1868	10 10	1 1	M M	2.10	41 6	6	Jan. 1876	10 10	1	M M	4. 31½ 5. 75	"	16
Average	10	2	М	5. 59	46 4	4	Average	10	2	M	5. 03 ¹ / ₉	**	**
Jan. 1869	10 10	1	M M	4. 10	16 1	4 4	July 1876	10 10	1 1	M M	3. 83½ 5. 17½	16	64 68
Average	10	2	М	5. 59	44 4	• '	Average	10	2	-M	4. 501	4.6	46
July 1869	10 10	1 1	M	4. 10	"		Jan. 1877	10 10	1 1	M M	3, 83½ 5, 17½	66	11 16
Average	10	2	M	5. 59		4	Average	10	2	М	4. 50½	44	44
Jan. 1870	10 10	1	M M	4. (0	66 E		July 1877	10 10	1	M M	3. 45 4. 60	**	16 16
Average	10	2	м	5. 59	66 ° 4	4	Average	. 10	2	M	4.021	44	44
July 1870	10 10	' 1 1	M M	2. 10	44 4		Jan. 1878	10 10	1	M M	3. 45 4. 60	44	14 14
Average	10	2	M	5. 59	66 6		Average	10	2	M	4.02	44	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTIOUT—Continued.

FOREMEN, MACHINISTS-Concluded.

Payroll of .	Hours per day.	Different employés.	Sex.	Rate	of v	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages	
J uly 1878	- 10 10	1 1	M M	\$3.45 4.60	per	day.	July 1881	10 10	1 1	M M	\$4. 41 4. 79	per	day.	
Average	10	2	м	4.021	6.6	"	Average	10	2	M	4.60	- "	44	,
Jan. 1879	- 10 - 10	1 1	M M	3. 45 4. 14	44	44	Jan. 1882 July 1882 Jan. 1883	10 10 10	2 2 1 1	M M M	4. 79 4. 79 4. 79	46 16	46 46	
Average	10	2	M	3.79	14	**	July 1883 Jan. 1884	10	* 1 1	M M	4.79	**	44	
July 1879	10 10	1 1	M M	3. 45 4. 14	44	64 11	July 1884 Jan. 1885	10 10	î 1	M	4.79	"	44	
Average	10	2	м	3.791	44	**	July 1885 Jan. 1886	10 10	1	M	4.79	44	6 6 6 6	
Jan. 1880	10 10	1 1	M M	3, 45 4, 14	66	44	July 1886 Jan. 1887 July 1887	10 10 10	1 1 1	M M M	4.79 4.79 4.79	11	44	
Average	10	2	M	3, 791	4.6	**	Jan. 1888 July 1888 Jan. 1889	10 10 10	1 1	M M M	4.79 4.79 4.79	44	14	-
July 1880	10 10	1 1	M M	3. 45 4. 14	11	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	July 1889 Jan. 1890	10 10	1 1	M	4.79 4.79	66	64	
Average	10	2	M	3.791	14	44	July 1890 Jan. 1891	10 10 10	1 1 1	M M M	4.79	61	44	
Jan. 1881	10 10	I 1	M M	4.41 4.79	14	44	July 1891	10	1	141	4.79			
Average	10	2	M	4.60	44	**								

FOREMEN, MOULDERS.

					,								
Jan. 1853	10	1	M	1.911 1	on d	0.77	July 1872	10	1	м	6, 39	ner	day.
July 1853		1	M	1. 91	11 (1	ity.	Jan. 1873	10	1	M	6.39	Por	Lay.
Jan. 1854	10	1	M	2.50°	4.6	6.6	July 1873	10	1	M	6.39	4.4	4.6
July 1854	10	1	M	2.50		44	Jan. 1874	10	ī	M	6.39	4.6	4.6
Jan. 1855		1	M	2.50		41	July 1874	10	î	M	6, 39	44	44
July 1855	10	î	M	2.50	4.6	44	Jan. 1875	10	î	M	6.39	4.6	4.6
Jan. 1856		1	M	2.50	4.4	4.6	July 1875	10	î	M	6.39	14	64
July 1856	10	i	M	2.50	6.6	66	Jan. 1876	10	î	M	6.39	**	4.6
Jan. 1857	10	î	M	2.50	4.6	44	July 1876	10	î	M	5.75	4.4	4.6
July 1857	10	i	M	2.50	44	66	Jan. 1877	10	î	M	5.75	6.6	4.6
Jan. 1858	10	i	M	2.50	4.6	44	July 1877	10	î	M	5, 174		6.6
July 1858	10	î	M	2.50	66	11	Jan. 1878	10	î	$\overline{\mathbf{M}}$	5, 171		6.6
Jan. 1859	10	î	M	2.50	6.6	44	July 1878	10	î	M	5. 171		6.6
July 1859	10	î	M	2.49	44	44	Jan. 1879	10	l ī	M	4. 60	64	6.6
Jan. 1860	10	î	M	2.49	4.6	\$6	July 1879	10	1	M	4.60	4.6	1.4
July 1860		î	M	2.49	16	4.6	Jan. 1880	10	Ī	M	4.60	4.4	4.6
Jan. 1861	10	î	M	2.49	6.6	44	July 1880	10	ĺ	M	4.60	6.6	6.6
July 1861	10	ī	M	3,00	4.6	44	Jan. 1881	10	1	M	4.79	4.4	4.4
-Jan. 1862	10	Î	M	3,00	64	44	July 1881	10	ī	M	4.79	6.6	6.6
July 1862	10	i î	m	3, 00	6.6	6.6	Jan. 1882	10	ī	M	5. 174	46	6.6
Jan. 1863	10	i	M	3.00	6.6	4+	July 1882	10	1	м	5.75		8.8
July 1863	10	Î	M	3, 193	6.6	44	Jan. 1883	10	ī	M	5.75	4.4	8.8
Jan. 1864	10	Î	M	3. 19	4.6	4.6	July 1883	10	1	M	5.75	4.6	64
July 1864	10	î	M	4. 79	4.6	11	Jan. 1884	10	1 1	M	5.75	44	6.6
Jan. 1865	10	î	M	4.79	4.6	44	July 1884	10	1	м	5.75	6.4	6.4
July 1865	10	Ī	M	4. 79	44	44	Jan. 1885	10	1	M	5.17		14
Jan. 1866	10	1	M	4.79	4.6	4.6	July 1885	10	1	M	5. 17	16	4.4
July 1866	10	1	M	6.39	4.4	6.6	Jan. 1886	10	1	M	5, 17		16
Jan. 1867	10	1	M	6.39		6.6	July 1886	10	1	M	5.17		4.6
July 1867	10	1	M	6.39	4.6	44	Jan. 1887	10	1	M	5. 17		44
Jan. 1868	10	1	M	6, 39	4.6	41	July 1887	10	1	м	5.17		6.4
July 1868	10	1	M	6.39		61	Jan. 1888	10	1	M	5. 17		4.6
Jan. 1869	10	1	M.	6.39		44	July 1888	10	1	M	$5.17\frac{1}{2}$		4.4
July 1869	10	1	M	6.39		4.6	Jan. 1889	10	1	M	5. 17		66
Jan. 1870	10	1	M	6.39	6.6	E 6 100	July 1889	10	1	М	5, 17		65
July 1870	10	1	M	6.39		ill	Jan. 1890	10	1	M	5. 17		16
Jan. 1871	10	1	M	6, 39		4.6	July 1890	10	1	M	3, 83		
July 1871	10	1	M ·	6, 39		44	Jan. 1891	10	1	M	4.79	64	66
Jan. 1872	10	1	M	6, 39	11	6.6	July 1891	10	1	М	4.79	**	••
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METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

FOREMEN, PATTERNMAKERS.

Payroll of—	Hours per day.	Different employés.		Rate	of w	vages.	Pay	roll	Hours per day.	Different employés.	Sex,	Rate	of	wages.	=
July 1869 Jan. 1870 July 1870 July 1871 Jan. 1871 July 1872 July 1872 July 1873 July 1873 July 1874 July 1874 July 1875 July 1875 July 1875 July 1876 July 1876 July 1876	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M M M M M M M M	\$4. 12\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	per :	day,	July Jan. July Jan. July Jan. July Jan. July Jan. July Jan. July Jan. July	1878 1879 1879 1879 1880 1880 1881	10 10 10 10 10 10 10 10 10 10 10 10	111111111111111111111111111111111111111	M M M M M M M M M M M M M	\$5, 17½ 4, 60 4, 60 4, 19½ 3, 19½ 3, 19½ 3, 19½ 3, 19½ 3, 83½ 3, 83½ 3, 83½ 3, 83½ 3, 83½ 3, 83½	per	day.	

MACHINISTS.

								,					
Jan. 1853	10	2	M	1.50			7-1-1050	40	1	м	1 50		
они, 1898		4			per	day,	July 1856	10			1.50	per day.	
	10		M	1.661	6.6	14		10	1	M	1.58	11 16	
	10	1	M	1.75	6.6	4.6	- 1	10	1	M	1.60	11 66	
	10	1	М	2.00		•••	- 11	10	1	M	1.75	11 44	
			120	1 0=1	61	44		10	2	M	1.831	46 46	
\mathbf{A} verage	10	8	M	1.671		**	il .	10	2	M	2.00		
						44		10	1	M	2.25	** **	
July 1853	10	2	M	1.50	44						·		
	10	3	M	$1.66\frac{1}{2}$	4.4	16	Average	10	9	M	1.81	11 11	
	10	2	M	1.75	6.6	**		ļ			i		
	10	2	M	2.00	44	4.6	Jan. 1857	10	1	М	1. 25	66 15	
							0 1111. 1007	10	2	М	1.50	44 44	
\mathbf{A} verage	10	9	M	1.72	4.4	4.6	1	ió	2	M	1.60	66 46	
		_		1				10	5	M	1.75	41 44	
Jan. 1854	10	3	M	1.50	4.4	4.6	i'.	10	2 2	M	1.83	41 44	
	10	3	M	1.66	6.6	4.6	li l	10	2	M	2.00	66 66	
	10	2	M	1.75	64	44	li i	10	ı	M	2. 25	44 44	
	10	1	M	2.00	1.1	**		10		***	2. 20		
	-10				44		Average	10	12	M	1.74	66 68	
Average	10	9	M	1.661	••	44	Liverage	1	12				
July 1854	10	1	M	1 201	6.6	4.6	T1 1057	10	,	М	1. 25	11 11	
0 my 1004	10	3	M	$1.33\frac{1}{2}$ 1.50	4.6	4.6	July 1857	10	$\frac{1}{2}$	M	1.50	16 46	
	10	1	M	1.75	66	4.4	1	10	í	M	1.664	44 44	
	10	î	M		44	66	i	10				66 66	
i	10	1 1	M	1.831 1.90	44	66		10	6 1	M	1.75	11 11	
	10	2	M			44		10		M	1.913	44 44	
	10	ī	M	2.00 2.25	44	64		10	3	M	2.00	66 66	
	10	x	21	2. 25	•••	••	- 1	10	1	M	2.20		
Average	10	10	M	1.751	4.6	4.4	Average	10	15	M	1.77	44 44	
Jan. 1855	40	_						r				66 , 66	
9 WII. T000	10	1	M	1.50	44	**	Jan. 1858	10	1	M	1. 25	11 11	
	10	3	M	1.75				10	1	M	1.50	66 66	
	10	4	M	2.00	44	11		10	3	M	1.75	11 11	
	10	1	M	2. 25	**	**		10	1 2	M	1.911	16 44	
A 170mo ac	10		3.5	1 00	44	4.4	l)	10	2	M	2.00	68 65	
A verage	10	9	M	1.89	**	**	li l	10	1	М	2, 25		
July 1855	10	1	м	1.50	44	66	Average	10	9	М	1.79	44 44	
	10	ī	M	1.661	5.6	66	Trenage	10		111	12		
	10	7	M	1.75	4.4	4.6	July 1858	10	I	M	1.331	44 44	
	10	l i	M	1.834	44	4.4	0 uly 1008	10	3	M	1.50	46 46	
	10	4	M	2.00	66	4.6		10	ĭ	M	1.661	46 46	
i	10	i i	M	2. 25	6.6	4.6		10	î	M	1.75	11 11	
			***					10	i	M	1.91	46 66	
Average	10	15	M	1.831	4.6	6.6			4	M	2.00	41 41	
	10	10	374	1,092				10 10	ì	M	2. 25	41 41	
Jan. 1856	10	1	M	1.50	4.6	4.6	[10		14.5	2.20		
	10	î	M	1.75	44	4.6	Avaroca	10	12	M	1.78	21 44	
i	10	1	M	1.831	6.6	6.6	Average	10	12	TAT	T. 102		
	10	î	M	1.85	6.6	4.6	Jan. 1859	10	1	м	1. 25	44 44	
	10	4	M	2.00	6.6	6.6	оап. 1839	10	4	M	1.50	44 - 44	
1	10	i	M	2.25	66	44		10	1	M	1.58	11 16	
1				2.20				10	2	M	1.75	11 44	
Average	10	9	M	1, 91	4.6	**		10	1	M	1.91	44 45	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

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Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vagos	
7 1050	10	4	м	\$2.00	per	dov	Jan. 1863-	10	1	M	\$1,75	TIOT	day.	
Jan. 1859 conc'd.	10	1	M	2. 25	ber	uay	cone'd.	10	2	M	1.85	per	uay.	
CORG C.							0020 47	10	9	M	2.00	4.6	6.6	
Average	10	14	M	1.75	1.4	4.4	1	10	1	M	2.25	* *		
_		_	3.5	4 05	46	4.5	ll		i	3.1	1 00		44	
July 1859	10	1 2	M	1.25 1.33½	**		Average	10	9	M	1.82	•••	••	
	10 10	2	M	1.50	14	6.6			_				4.6	
	10	ī	M	1.66	4.4	11	July 1863	10 10	1	M	1.50 1.67	66	44	ı
	10	3	M	1.75	* *	6.6		10	1	M	1.75	66	4.6	
	10	2	M	1. 91	44.	44		10	î	M	2,00	4.4	4.6	
	_10 10	5	M	2, 00		44		10	1	M	2.50	4.6	4.4	
	10	1	141	20 20			1 .			70.00	1 001	44	4.6	
Average	10	17	M	1.76	66	**	Average	10	5	M	1.881			
Ton 1980	10	1	M	1. 25	44		Jan. 1864	10	1	м	1.66			
Jan. 1860	10	2	M	1.33+	4.6		J 1004	10	i	M	1,75	++	4.4	
~	10	l ī	M	1.50	6.6	6.6		10	1	M	1.913	44	4.6	
	10] 1	M	1.66	6.6	44		10	2	M	2.00		44	
*	10	3	M	1. 75	66	44	11	10	2	M	2.50	••	"	
	10 10	3 1	M	2. 00 2. 25	44	64	Average	10	7	м	2.043		44	
		1									1 -		44	
. Average	10	12	M	1.711	4.6	ri	July 1864	10	4 2	M	1, 661	: ;;	44	
~	1.	1	3.5	1 001	44	66	-	10	1	M	1.75 2.00		68	
July 1860	.10	1 3	M	1. 331	44	44] '-	10	i	M	2. 123		6.6	
	10	i	M	1.661		6.6		10	1	M	2. 25	66	66	
***	10	3	M	1.75	1.4	4.6	1!	10	ī	M	2.50	4.4	4.6	
	10		M	2.00	6.6	1.1		10	1	M	2. 59	**	66	
	10		M	2, 25	1.6	t r	1	10	1	M	2. 87	"	**	
Average	10	12	M	1.75	46	44	Average	10	12	M	2.04	44	**	
Jan. 1861	10	1	м	1.42	64	66	Jan. 1865	10	3	М	1.66	. 66	4.6	
van. 1801	10		M	1.50	6.6	44	3 441, 1800	10	1 2	M	1.75	1.6	4.6	
	10			1.75		44	li .	10	1	M	2. 25	4.6	44	
	10		M	2. 25	4.1	4.6		10	1	M	2, 35	 L	44	
	-		-					10	1	M	2, 37	ž ;;	44	
A verage	10	8	M,	1. 67	. "	**	11	10	1 1	M	2.50 2.593		. 44	
T.1 1001	100		M	1, 25	6.6	6.6		10		M	2. 75		4.6	
Jul y 1861	10 10			1. 50	4.6	44	il	10		M	2.87	, 44	4.6	
	10		M	1.60	4.6	4.6				_	-1			
	10	2	M	1.664	4.6	44	Average	a 10	12	M	2. 18	į "	16	
	10	2	M	1.75	- 11	11	- 1			3.5	1 000		44	
	10			2.00	64	14	July 1865	10		M	1.66	i :	44	
	10	1	M	2. 25		••		- 10		M	2.00	44		
Awaran	в 10	10	M	1. 69		4.4	1	10		M	2. 25	6.6	44	
Average	10	10	1	1.003	•			10	1	M	2.35	6.6	44	
Jan. 1862	10	. 6	M	1.50	4.6	44	11	10		M	2, 50	64		
3 2002	10) 2	M	1.60	11	4.6		10			2.75	66		
	10	1		1. 66	1	4.6		10	2	M	3, 00		•••	
	10			1.75		64	4	6 10	12	м	2. 35	1 11	44	
	10			1.91	: :	44	Averag	0 10	' 12	1	2. 00	_		
	10			2, 25	"	4.6	Jan. 1866	10	1	M	1.66	1 "		
		1			-			10) 3	M	1.75	- 46		
Average	e 10	19	M	1.70	4.6	4.6		10	1		1.83	ž ;;		
	1			1 50		**	1	10			2. 25 2. 50	4.6		
July 1862				1, 50	11	65		10		M	2.75	4.0		
	10			1. 66		6.6		10			3.00			
	10			1.75		4.4		10	1	. M	3. 19	1 "	6.6	
	10			1.83	1 44	6.6								
	10) -1	M	1.85	~ !!	64	Averag	e 10	27	' M	2.46		• ••	
	10			2,00	46	66	Inly 1000	10	. 1	м	1.66	1 4		
	10) 1	ı M	2. 25	_ ''	••	July 1866	1 10			1.92	- 41		
Averag	e 10) 14	ı M	1.'80	"	6.6		1,0), a	M				
U	1	1	.		44		-	10			2. 20			
Jan. 1863								10						
	i 10) 1	I M	1.66	ā ⁻"		11	(4	, , ,					

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

Payroll of—	Hours per day.	Different employés.		Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages
July 1866-	10 10	6	M M	\$3.00	pe	r day.	July 1870	10	1	М	\$2.00	per	day.
conc'd. Average	10	23	M	3. 12½ 2. 55½	"			10 10 10	1 1 1	M M	2.25	4.6	64 64
Jan. 1867	10	1	M	1.831		41		10 10	5	M M M	2.50 2.75 3.00	66	
Da 11. 1001	10 10	1	M	1. 92 2. 00		44		10	1	M	3. 25	**	**
•	10 10	4 2 7	M	2. 25 2. 50	44	**	Average	10	12	M	2.74	44	44
	10 10	1 3	M	2. 62 2. 75	64	4 44	Jan. 1871	10	1	M	1. 911	11	"
	10 10	6 1	M	3.00 3.12 1		**		10 10	1	M	2. 25 2. 75	66	"
Average	10	26	M	2.53	44	4.4		10 10	3 1 2	M M M	3.00	44	£ £
July 1867	10	1	М	1.831	44	"	Average	10	9	M	3. 50 2. 90½	46	
	10 10 10	1 4 1	M	1. 92 2. 00	44	"							
	10	2	·М М	2. 25 2. 50	44	66	July 1871	10 10	1 1	M M	1.91½ 2.00	66	44
	10 10	,1	M M	2, 75 3, 00	"	11		10 10	1 2	M	2. 25 2. 75	44	66
	10	1	М	3. 12 1	6.6	64		10	3	M	3.00 3.25	**	6 6 6 6
Average	10	15	M	2.46	4.6	44		10 10	1	M		-41	"
Jan. 1868	10 10	1 2	M M	$\frac{1.83\frac{1}{2}}{2.00}$	44	46	Average	10	10	M	2.74	66	**
	10 10	2 1	M M	2, 25 2, 50	66	44	Jan. 1872	10	1	M	2. 25	44	44
	10	1	M	2.75	6.6	4.6		10 10	1 4	MM	2.39½ 2.50	46	4.6
	10	4	М	3.00	4.1	**		10 10	3 5	M	2.75	61	**
Average	10	11	M	2.51	4.4	44	j j	10 10	1 1	M M	3, 25 3, 50	11	46
July 1868	10 10	1 5	M	$\frac{1.83\frac{1}{2}}{2.00}$	44	"	Average	10	16	м	2.79		16
	10 10	1 6	M	2. 25 2. 50	66	44	July 1872	10	2	м	2.00	66	44
	10 10	2 3	M	2.75	44	"	01113 1012	10	1	M	$2.33\frac{1}{2}$	4.4	4.6
	10	í	M	3.00 3.16½	44	44	1	10 10	6	M	2. 50 2. 75	64	44
Average	10	19	M	2.46	6.6			10 10	1 9	M	$\frac{2,87\frac{1}{2}}{3.00}$	66	16
Jan. 1869	10	7	M	2, 00	"	44	1	10	1	M	3.25	66	46
	10 10	2	M	2.50	44	44		10	2	M	3.50		
1	10	3	M	2, 75 3, 00	64	14	Average	10	28'	M	2.781	66	44
İ	10 10	1	M	$3.16\frac{1}{2}$ 3.50	44	44	Jan. 1873	10 10	1 2	M	2.00 2.50	11	14
Average	10	15	M	2.491	66	4.6		10	,1	M	2.75	64 64	44
July 1869	10		_		6.6	44		10	6	M	2.873 3.00	6.6	44
J 41, 1005	10	1	M M	2.00 2.25	6.6	4.6		10 10	1 2	M	3, 25 3, 50	66	44
	10 10	1 4	M M	$\frac{2.37\frac{1}{2}}{2.50}$	66	44	A Trong mo	10		M		**	44
	10 10	1 5	M	2.75 3.00	14	46	Average		14	_	2. 92		
	10	ĭĺ	M	3. 25	44	**	July 1873	10	1 2	M	2, 00 2, 75	44	44
Average	10	16	М	2. 631	44	44		10: 10	1	M	3, 00 3, 25	44	44
Jan. 1870	10	1	M	2. 25		**		10	î		3. 50	44	44
	10 10	1 2	M	2. 37½ 2. 50	66	14	Average	10-	7	M	2 891	44	46
	10	1	M	2.75	44	44	Jan. 1874	10	1	M-	2.75		44
ļ	10 10	6		3, 00 3, 25	44	66		10 10	2 2	M	3.00	66	44 56
	10	î		3.50	44	14		10	2 2	M	3. 25 3. 50	64	**
Average	10	13	M	2.851	**	44	Average	10	7	M	3.18	"	64

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of	wages
July 1874	10 10 10	1 1 2	M M M	3.00 3.25	66	day.	Jan. 1880- conc'd.	10	1	M M	\$2. 25 2. 75	- 44	day.
	10	1	M	3.50		44	Average	10	6	M	2.141	61	44
Average	10	5	M	3. 15		66	July 1880	10 10	1 4	M	1.90 2.00	46	44
Jan. 1875	10 10 10 10	1 1 2 1	M M M	2. 75 3. 00 3. 25 3. 50	66	41		10 10 10	1 1 1	M M M	2. 25 2. 45 3. 00	4.6 6.6	6.6 6.6
Average	10	5	М	3, 15	44	44	Average	10	18	M	2. 20	44	44
July 1875	10 10 10 10	1 1 2 1	M M M M	2. 47½ 2. 70 2. 92½ 3. 15	46 64 66	46 46 46	Jan. 1881	10 10 10 10 10	1 4 3 1 1	M M M M M	1. 90 2. 00 2. 25 2. 45 3. 00	44 61 61 64	66 66 66 66
Average	10	5	M	2.831	6.6	6.6	Average	10	10	M	2. 21		64
Jan. 1876	10 10 10 10 10	1 1 2 1 6	M M M M M	2.00 2.47½ 2.70 2.92½ 3.15	66 66 64	44 44 44 44	July 1881	10 10 10 10 10	1 2 3 1	M M M M	1. 90 2. 00 2. 25 2. 75 3. 00	14 11 11	66 66 66
_	10		м	2. 20		66	Average	10	8	М	2.30	44	46
July 1876	10 10 10	1 1 2 1	M M M	2. 40 2. 60 2. 80	16	61 66	Jan. 1882	10 10 10	1 2 2 1	M M M	1. 90 2. 00 2. 25	66 66	11 11
Average	10	5	M	2. 52	4.6	**		10 10	1	M	2.50 2.75	64	44
Jan. 1877	10 10 10	1 1 2	M M M	1.80 2.40 2.60	et et , et	44 64	Average	10	8	M	3.00	- "	44
Average	10	4	M	2.35	66	46	July 1882	10	1	М	1.75	44	44
July 4877	10 10	1	M	2. 10 2. 30	**	44		10 10 10 10	1 2 6 2	M M M M	1.90 2.00 2.50 3.00	44	44
Average	10	2	м	2. 20	**	44	Average		12	М	2, 381		56
Jan. 1878	10 10 10 10 10	1 1 1 1 1	M M M M M	1.55 1.80 2.13 2.30 2.50	66	66	Jan. 1883	10 10 10 10 10	1 2 1 5	M M M M	1. 90 2, 00 2. 25 2. 50 2. 75	64 66 66 64	66 66 66 66
Average	10	5	M	$2.05\frac{1}{2}$	6.6	44	-	10 10	1 1	M	3.00 3.50	44	44
July 1878	10 10 10	1 1	M M M	1.80 2.13 2.50	11	44 44	Average	1	13	М	2. 51		44
Average		3	M	2.141	4.6	"	July 1883	10 10	2 2	M	2.00 2.50	66	44
Jan. 1879	1	1 1 1	M M	1.50 2.13 2.50	4.6 6.6	66 61 66		10 10 10	3 1 1	M M M	2.75 3.00 3.50	46	44
Average	į	3	M	2.041	66	66	Average	10	9	M	2.64	44	44
July 1879	1	1 1 1	M M M	1. 50 2. 13 2. 50	66	44 44	Jan. 1884	10 10 10 10 10	1 2 1 4 2	M M M M	1.75 2.00 2.25 2.50 2.75	66 66 66	
Average	10	3	M	2.042	4.6	64		10 10 10	1 1	M	3.00 3.50	44	44
Jan. 1880	10 10	1 3	M	1.85½ 2.00	66	16	Average		12	м	2.50		**

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECT. ICUT—Continued.

MACHINISTS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages
July 1884	10 10 10	1 2 1	M M M	\$1.80 2.00 2.05	6.4	day.	Jan. 1888- conc'd.	10 10 10	1 2 1	M M M	\$2.50 2.75 3.00	per	day.
	10	3	M	2. 25 2. 75	61	44 66	Average	10	8	М	2. 281	61	44
Average	10	1 12	M	2, 34	44	"	July 1888	10 10	2 2	M M	1.75 1.83	46	"
Jan. 1885	10	1	м	2.00	16	64		10 10	1 1	M	2.00	44	66
Jun. 1000	10 10	$\frac{1}{2}$	M	2. 05 2. 25	6.6	44		10 10	1 2	M	2. 25 2. 50	6.6	46
	10		M	2.75	64	44		10	$\frac{\tilde{2}}{1}$	M M	2.75	44	66
Average	10	6	M	2.34	66	**	Average	io	12	м	2. 241		66
July 1885	10 10	1 3	M	1.85 2.00	64	66	Jan. 1889	10	2	м	1.75	"	14
	10 10	1 3	M M	2. 05 2. 25	44	"		10	2 1	M M	1.83 2.05	44	84 84
	10	2	M.	2. 50 2. 75	44	4.4		10 10	1	M	2, 25	64	64
	10 10	4	M M	$\frac{2.75}{3.00}$	6.6	44		10 10	2 1	M	2.50 2.75		46
Average	10	15	м	2.371	64	4.8	Average	10	9	M	2. 131	4.6	44
Jan. 1886	10 10	1	M	1.95	44	44	July 1889	10	2	M	1.75	64	44
	10	4	M	2.00	11	"		10 10	1 1	M	1.83 2.05	"	61
	10	3.	M	2.25	44	44		10	1 2	M	2.25	44	44
	10 10	2 3	M	2.50 2.75	11	16		10 10	1 1	M	2.50 3.00	44	44
	10	1	M	3, 00	44	4.6	Average		8	M	2. 174	44	44
Average		15	M	2. 331	4.6	44	Jan. 1890	10	1	м	1.75	44	44
July 1886	10 10	1	M	1. 66½ 1. 75	6.6	44		10	1	M	2.00 2.20	44	44
	10	1	M	1. 83	4.4	14	1	10 10	1 2 2	M M	2. 25	44	44
	10 10	1 2	M	2.00 2.05	- 44	44		10	2 1	M	2.50 2.75	44	44
	10	1	M	2. 25	4.4	46		10	$\frac{1}{2}$	M	3.00	66	64
	10 10	1	M	2.50 2.62 1	44	44				2.5	2,42	6.6	44
	10	2	M	2.75	1.6	4.6	Average	10	10	M	2.42		
	10	1	M	3.00	44	44	July 1890	10 10	2 1	M	1.75 2.00	44	16
Average	10	- 12	M	2. 261	44	41		10 10	1 2	M	2. 20 2. 25	44	46
Jan. 1887	10	2	M	1.75	61	16		10	4 1	M	2, 50	**	16 , 66
	10 10	1	M M	1.83 2.00	"	46		10 10	1 2	M	2, 75 3, 00	11	**
	10 10	1 2	M M	2, 05 2, 25	11	46	i					66	46
	10	2 2	M	2.50		46	Average	10	13	м	2.38	"	
	10	1	M M	2.75 3.00		"	Jan. 1891	10 10	2 2	M	1.75 2.00	4.4	66
Avaroco	10	12		2. 28	44	44		10	2 2	M	2. 25	66	14
Average								10, 10	4	M	2. 50 2. 75	64	66
July 1887	10 10	3	M	1.75 1.83	14	44		10	2	M	3, 00	44	44
	10	1	M	2.05	44	44	Average	10	13	M	2, 361	44	44
	10 10	3 1	M	2. 25 2. 50	66	44	July 1891	10	,	м	1.75	**	44
	10	2	M	2.75	66	44	5 uly 1031	10	4 2	M	2.00	66	44
	10	1	M	3.00				10 10	4 2	M	2. 25 2. 50	46	44
Average	[. 12	M	2. 24	16	44		10 10	2 3 2	M M	2.75 3.00	64	44
Jan. 1888	10 10	1	M	1. 66½ 1. 75	44	44	Awana				2, 31	44	n
	10	1	M	1.83	4.6		Average	10	17 l	TAF	2, 51		
	10	1	M	2, 05	41	4.4	l						

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNEC 10UT—Continued.

MACHINISTS' APPRENTICES.

Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wage
July 1853	10 10 10	2 1 3	M M	\$0.50 1.00	11	day.	July 1861	10 10 10 10 10	2 1 3 1	M M M M	\$0.55 .60 .65 .70	per	day.
Jan. 1854	10 10	1	M M	. 50 1. 00	66	44	Average		8	M	. 67		14
Average	10	2	M	. 75	ŧr	"	Jan. 1862	10 10	2 2	M M	. 55	44	66
July 1854	10 10	1	M M	. 55 1. 00	44	44		10 10	3	M M	. 65	44	16
Average	10	2	M	. 77	44	14	A mona do	10	1	M M	1.00		16
Jan. 1855	10 10	1	M M	. 55 1. 00	4.6 6.6	14	Average July 1862	10	9	M	. 55	66	
Average	10	2	M	. 771	44	**		10	1	M	. 65	46	11
July 1855	10 10	1		.50	6 6 6 6	**		10 10 10	1 1 1	M M M	.70 .75 1.00	44	11
	10	1	M	. 66½ . 1. 00	44	"	Average	10	9	M	. 67	44	4.6
Average	1	4	M M	. 68	"	"	Jan. 1863	10 10	2 3	M M	. 55	44	44 64
Ja <u>n.</u> 1850	10	1	M	. 661		**	A srome are	10	6	M	, 65	44	44
Average	10	3	M	. 751		.4	Average July 1863	10 10 10	2 2	M M	.60	44	
July 1856	10	1	M	. 60	44	44	A ==========		4	M	. 621	- 44	"
	10 10 10	1 1 1	M M M	. 66½ . 75 1. 00	66	44	Jan. 1864	10	1 1	M	.55	44	"
Average	10	4	М	. 75		4.4		10	1	M	.65	44	66
Jan. 1857	10 10	1 1	M M	. 75	66	44	Average	10	1 4	M	. 63½	14	44
Average	10	2	М	. 87	"	**	July 1864	10	1	M M	. 60	44	44
July 1857	10 10	1 2	M	. 60 1. 00	66 65	**		10	ī	.М.	. 65	"	44
Average	10	3	M	. 86		**	Average		3 6	M	. 75		
Jan. 1858 July 1858 Jan. 1859	10 10	1	M	. 60	46	6 6 6 6	Jan. 1865	10	5	M	. 85	"	44
	10	1	M	. 80	"		Average	10	. 11	M	.75		4.6
July 1859	10 10 10	1 1 1	M M M	. 60 . 871 1. 00		46	July 1865	10 10 10	8 2	M M	1. 00	14	44
• Average	10	3	М	. 824	"		Average	10	12	M	. 86	44	44
Jan. 1860	10 10	4 I	M M	. 55 . 87	; ;;	**	Jan. 1866	10 10 10	2 0 5	M M M	. 75 . 85 1, 00	14 14	66 64
Average	10	5	M	. 61	11	**	A vorage		13	м	. 89	- 64	44
July 1860	10 10	4	M M	. 60	44	11	Average July 1866	10	2	М	. 75	44	66 66
Average	10	5	М	, 63		44		10 10	3 5	M	1.00	66	46
Jan. 1861	10	1 4	M M M	. 55 . 60 . 65	66 66	64 66 64	Average	10	12	M	1, 15 , 94½		44
•	10	1	M	. 75		44	Jan. 1867	10	1	м	. 75	44	44
. Average	10	7	M	. 62	"	4.6		10	3	M	.85	4.4	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECT. ICUT—Continued.

MACHINISTS' APPRENTICES-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of -	Hours per day.	Different employés.	Sex.	Rat	e of	wages.
Jan. 1867- cone'd.	10 10 10	1 2 1	M M M	\$0. 90 1. 00 1. 15	per	r day.	Jan. 1873	10 10	2 2	M M	\$0.90 1.00	per	day.
Average	10	8	м	. 92	"	44	Average	10	4	М	. 95	44	44
July 1867	10 10 10 10	1 3 1 2	M M M	.75 .85 .90	44 44	66 66 61	July 1873 Jan. 1875 July 1875 Jan. 1876	10 10 10 10	1 1 1 2	M M M	1. 10 . 90 1. 00 1. 00	-64 11 16	46 4. 66
Average	10	7	M	. 881	64	**	July 1876	10	1	М	1.00	41	46
Jan. 1868	10 10 10	1 2 5	M M M	. 75 . 85 1, 00	"	66	Average	10	2	<u>м</u> 	1. 10	16	**
Average	10	8	м	. 93	44	44	Jan. 1877	10 10	1 1	M	1.00 1.10	66	"
July 1868	10 10 10	2 4 1	M M M	. 85 1. 00 1. 16½	6 6 6 8	6 6 6 4 6 6	Average	10	2	M	1. 05	"	**
Average	10	7	M	. 98	44	44	July 1877	10 10	1 1	M M	1.00 1.10	44	44
Jan , 1869	10 10	1 2	M M	. 85	44	"	Average	10	. 2	м	1. 05	14	44
	10 10 10	1 2	M	1.00 1.15 1.16½	44	44	Jan. 1878	10 10	1	M M	1.00 1.20	44	45 . 46 .
Average	10	6	M	1.051	ŧŧ	££	Average	10	2	м	1.10	**	44
July 1869	10 10 10	1 1 2	M M M	. 85 1. 00 1. 15	44	44	July 1878	10 10	1 1	M M	1.00 1.20	66	"
A	10	2	M	1. 161	44	44	Average	10	2	M	1.10	46	46
Average Jan. 1870	10 10 10	1 1	M M M	1. 08 . 75 1. 00	"	44	Jan. 1879 July 1879 Jan. 1880	10 10 10	1 1	M M M	1. 00 1. 00 1. 16½	44	44
	10 10	2	M M	1. 15 1. 33½	44	44	July 1880	10 10 10	1 1 1	M M M	. 70 . 80 1. 161	£ £	44
Average	10	5	M	1.07½	"	44		10	1	М	1. 20	44	44
July 1870	10 10 10 10 10	1 1 1 1 1	M M M M M	. 75 . 85 . 90 1. 00 1. 15 1. 331	66 68 64	41 44 46 48	Average Jan. 1881	10 10 10 10	1 1 1	M M M M	. 96½ . 70 . 80 1. 20	11	"
Average	10	6	M	, 991		**	Average	10	3	М	. 90	"	44
Jan. 1871	10 10	2	M M	. 85 1. 17	44	**	July 1881	10 10 10	2 1 1	M M M	.70 .90 1.20	11	44 44
Average	10	3	М	951	6.4		Average	10	4	.М	. 871	64	
July 1871	10 10 10	1 1 1	M M M	. 85 1. 00 1. 17	44	44 44	Jan. 1882	10 ·10 10	2 1 1	M M M	.70 .90 1.20	66 66	11 11 14
Average	10	3	М	1:001	16	14	Average	10	4	M	. 871	44	14
Jan. 1872	10 10	1	M M	. 90 1. 00	44	44	July 1882	10	2	M M	. 70 . 80	44	44
Average	10	2	м	. 95	11	"	Average	10	3	M	. 731	44	44
July 1872	10 10	1 1	M	1,00	64 F	"	Jan. 1883	10 10	2	M M	. 70 . 80	44 46	44
Average	10	2	M	. 95	4.4	"	Average	10	3	м	. 73	44	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

MACHINISTS' APPRENTICES-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.	Payroll * of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1883	10 10 10	1 1 1	M M M	\$0.70 .80 .90	per	day.	Jan. 1887	10 10 10	1 1 1	M M M	\$0.70 .80 .90	per	day.
Average	10	* 3	M	.80	44	4.4	Average	10	3	М	. 80	61	44
Jan. 1884	10 10	$\frac{1}{2}$	M M	. 80	44	11 e	July 1887	10 10	$\frac{2}{1}$	M M	. 80 1. 20	11	**
Average	10	3	M	. 861	4.4	44	Average	10	3	М	. 931/2	44	44
July 1884	10 10 10 10	1 1 1	M M M	.70 .80 .90 1.20	16 44 46	11 41 41	Jan. 1888	10 10 10	1 1 1	M M M	.80 .90 1.20	6 6 6 6	66 66 64
Average	10	4	M	. 90	44	66	Average	10	3	M	. 961	"	e i
Jan. 1885	10	1	M	. 70	4.6	15	July 1888	10	2	M	. 90	4.6	14
9 au. 1000	10 10	1 2	M M	1.20	44	6.6	Jan. 1889	10 10	1	M M	. 90 1. 20	14	44
Average	10	4	M	1.00	64	66	Average	10	2	М	1.05		44
July 1885	10 10 10	1 1 1	M M M	.70 .80 .90	66 66	1 6 6 6	July 1889 Jan. 1800	10 10	2 I	M M	1.20		16
A198	10	î	M	1. 20	4.4	**	ban. 1000	. 10	î	M	1. 20	4.6	44
Average	10	4	M	. 90	6.6	66	Average	10	2	м	. 95		44
Jan. 1886	10 10	1	M M	. 70	44	44	July 1890	10	2	М	. 70	"	44
	10	2	М	1. 20	44	11	Jan. 1891	10 10	1	M M	. 70	41	16
Average		4	M	.971	**	11	Average	10		M	. 75	.,	4.4
July 1886	10 10 10	$\begin{smallmatrix}2\\1\\1\\1\end{smallmatrix}$	M M M	. 70 . 80 . 90	. 4	66	July 1891	10 10	1 1	M M	.70	44	66
Average	10	4	M	. 77½	44	44	Average	10	2	м	. 75	16	64

MACHINISTS' HELPERS.

Jan . 1853	10 10	3 1	M M	1.00 per day. 1.16½ """	Jan. 1858	10 10	$_{1}^{2}$	M M	1.00 1.16½	per	day.
	10	1	M	1. 20	Average	10	3	·M	1.051	6.4	44
` Average	10	5	M	1.081 " "							
July 1853	10	2 1	M	1.00 4 4	July 1858	10	2	M	1.00	66	44
	10 10	1	M M	1. 164 "		10	1 1	M	1. 16½ 1. 25	11	64
A	10	4	м	1.074	Average	10	4	.м	1.10	44	44
Average	10	4	N.	-	Average	10	*	. 351.	1.10g		
Jan. 1854	10	3	M	1.00 " "		4.0		3.5		66	44
1_	, 10	1	M	1. 161 " "	Jan. 1859	10	3 1	M	1.00	4.6	44
Average	10	4	M	1.04 " "	Average	10	4		1.04		4.6
July 1854	10	1	мì	1.164 " "	ALVEIAGE	. 10	4	TAT	1.04		
Jan. 1855	10	î	M	1. 16# " "	July 1859	10	4	м	1.00		6.6
July 1855	10	1	M	1. 16 2 " "	9 aly 1605	10	ĩ	M	1.161	11	44
Jan. 1856	10	" 1	M	1.161 " "					1. 109		
July 1856	10	1	M	1. 102	Average	· 10	5	M	1.031	4.6	66
Jan. 1857	10	1	M	1.161 " "				-	2.009		
July 1857	10	2	м	1.00 ** **	Jan. 1860	10	3	M	1.00	4.6	44
-	10	1	M	1. 16½ " "		10	1	M	$1.16\frac{1}{2}$	4.6	4.6
Average	10	3	м	1.051 " "	Average	10	4	М	1.04	44	46

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTIOUT—Continued.

MACHINISTS' HELPERS-Continued.

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Payroll of-	Hours per day.	Different employés.		Rate	of	wages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate) of	wages.
July 1860	10 10 10	1 2 1	M M M	$$1.00$ $1.12\frac{1}{2}$ $1.16\frac{1}{2}$	per	r day.	July 1865	10 10 10	1 2 2	М М М	\$1.42 1.45 1.50	per	day.
Average	10	4	M	1. 101	t t	4.6		10 10	1 4	M	1.60 1.661	44	44
Jan. 1861	10 10	1 1	M M	1.00 1.10	"		Average	10	10	М	1.56	6.6	66
	10 10	1	M M	1. 12½ 1. 16½	11	4.6	Jan. 1866	10 10	1 1	M M	1.00 1.42	14	"
Average	10	4	м	1.091	"	4 6		10 10	1 2	M M	1. 45 1. 50	44	"
July 1861	10 10	3 1	M M	1.00 1.10	11	66		10 10	1 2	M M	1.60 1.66½	44	66
	10 10	1	M M	$\frac{1.16\frac{1}{2}}{1.25}$	6.6	16	Average	10	8	M	1. 471		14
Average	10	- 6	М	1.081		"	July 1866	10 10	8 1	M	1.50 1.60	"	"
Jan. 1862	10 10	5 1	M M	1.00 1.10	£ 4	44	ļ,	10	3	M	1.661	66	"
	10 10	$\frac{1}{2}$	M M	1. 12½ 1. 16½	44	44	Average	10	12	М	1.55	6.6	66
	10 10	1	M M	1. 25 1. 33½	66	44	Jan. 1867	10 10	10 1	M M	1.50 1.60	11	16
Average	10	11	м	$1.10\frac{1}{2}$	"	**		10 10	1	M M	1.66½ 1.75		44
July 1862	10 10	B 1	M M	1.00 1.10	66	16	Average	10	14	М	1.55	££	**
	10	1	M	1.121	6.6	44	July 1867	10	1	M	1.00	44	"
	10	$\frac{1}{2}$	M	$1.16\frac{7}{2}$	11	44		10	5	M	1.50	4.6	44
	10 10	ı	M M	1. 25 1. 33 ¹ / ₂	14	44		10 10	. 1	M	1.60 1.66	18	44
Average	10	9	М	$1.13\frac{1}{2}$	14	r r	Average	10	8	м	1. 47	44	
Jan. 1863	10 10	· 3	M M	1.00 1.10	11	11	Jan. 1868	10 10	3 1	M M	1.50 1.661	44	46
	10 °	1 1	M	1.121	11	44	1			!		44	44
	10	2	M	$1.16\frac{1}{2}$ 1.25		44	Average	10	4	M	1.54	**	
	10	1	M	$1.33\frac{1}{2}$	4.6	66	July 1868	10	1	М	1.50	* *	**
Average	. 10	9	M	1. 131	ú	64		10	$\frac{2}{1}$	M	1.58	4.6	66
				_			1 1	10	i	M	1.60 1.66	44	14
July 1863	10	$\frac{1}{2}$	M M	$\frac{1.16\frac{1}{2}}{1.20}$	6.6	41		10	1	M	1.75	4.6	4.6
	10	2	<u>M</u> .	1. 25	16	66	Average	10	6	М	1.611		44
Average	10	. 5	М	1.211	44	**	Jan. 1869	10 10	2 2	M M	1.50 1.58	11	£ £
Jan. 1864	10	2	M	1. 25	4.6	44		10	2	M	I. 66	4.4	64
	10 10	1 1	M M	1. 33½ 1. 37	14	44		10	1	M	1.75	6.6	14
	10	i	M	1.40	44	4.6	1 !	10	1	М	2.00		11
Average	10	5	M	1. 32	4 6	rı	Average	10	8	M	1.651		44
J uly 1864	10 10	3	M M	1. 331	66	11	July 1869	10 10	3 1	M M	$1.66\frac{1}{3}$ $1.83\frac{1}{3}$	11	11
	10 10	. 1	M M	1.35 1.45 1.60	66	44	Average	,10	4	М	1.701	4.6	**
Average	10	6	M	1, 40	4.4	44	Jan. 1870	10 10	2	M M	1, 66½ 1, 83½	44	46
Jan. 1865	10	2	м	1. 331	44	44	Average	10	3			14	46
1	10	1	M	1. 45	6.6	4.5				М	1.72		•
	10 10	$\frac{1}{2}$	M M	1, 50 1, 60	4.6	44	July 1870	10 10	2	M M	$\frac{1.66\frac{1}{3}}{1.83\frac{1}{3}}$	44	46
Average	10	6	М	1. 47	44	44	Average	10	8	M	1.72	46	**

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECT ICUT.—Continued.

MACHINISTS' HELPERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate -	of w	rages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1871	10 10	<u>⊽</u> 1	M M	\$1.66½ 1.83½	per	day.	Jan. 1881	10 10 10	4 2 2	M M M	\$1.25 1.40 1.50	per	day.
Average	10	3	M	1.72	44	4.6	Average	10	8	M	1.35	66	44
July 1871	10 10	1 2	M	1.50 1.66½	11	44	July 1881	10	3	M	1. 25		44
	10 10	1 2	M	1.75 1.83½	16	44	July 1001	10 10	1	M	1. 40 1. 50	**	44
Average	10	6	М	1.71	64	44	Average	10	. 5	м	1.33	64	44
Jan. 1872	10	1	M	1.50	44	66	Jan. 1882	10	. 4	м	1. 25	44	66
	10 10	1 1	M	$1.66\frac{1}{3}$ 1.75	41	44		10 10	2	M M	1, 40 1, 50	14	"
	10	2	M	1.831	14	44	Average	10	7	M	1.33	44	44
Average	10	5	м	$1.71\frac{1}{2}$	11	14	July 1882	10	1	м	1, 35	66	**
July 1872	10 10	2 3	M M	1, 66½ 1, 83½	66	44		10 10 10	1 1	M M M	1.40 1.50 1.66½	r t r t	16 16
Average	10	5	M	1.761	4.6		Average		6	M	1. 45	4.6	
Jan. 1873	10 10	1 3	M M	1.66½ 1.83½	44	**	Jan. 1883	10 10	2	M	1. 25 1. 35	44	44
Average	10	4	М	1. 791	44	4.6		10	2	M	1.40 1.66±	44	44
July 1873	10 10	1.	M M	1.66½ 1.83	44	44	Average		6	M	1.38		**
Average	10	4	м	1, 79	44	44	July 1883	10	1	M	1.35	44	"
Jan. 1874	10	3	M	1.83	14	44		10	1	M	1.40	"	16
J uly 1874	10 10	1 3	M	1.75 1.83	11	64 66		. 10	1	M	1.50 1.66½	"	44
Average	10	4	M	1.81	**	44	Average	1	5	М	1. 471		
Jan, 1875	10 10	1 3	M M	1.75 1.83	"	"	Jan. 1884	10 10 10	1 1 1	M M M	1. 25 1. 35 1. 40	11	66 64
Average	10	4	M	1.81	44	"		10	1 3	M	1.45 1.50	6.6	46
Ĵuly 1875	10	3	M	1. 65	6.6	61		10	11	М	1.66		
Jan. 1876	10 10	1 3	M M	1.50 1.65	46	44	July 1884	10	8	M	1.45	11	16
Average	10	• 4	м	1.611	44	44		10	$\frac{1}{2}$	M	1.30 1.35	6.6	
July 1876	10	3	M	1.461	44	4.6		10	1 2	M	1.45 1.50	14	46
Jan. 1877	10 10	1 2	M	1. 43½ 1. 46½	64	**		10 10	1	M	1.60 1.66	"	11
Average	10	3	M	1.45	64	44	Average	10	9	M	1.44	1.6	6.6
July 1877 Jan. 1878	10 10	3 3	M	1.30 1.30	"	44	Jan. 1885	10	2	M	1. 25 1. 30	11	11
July 1878 Jan. 1879	10	3 8	M	1.30	66	66		10	2	M	1.35	11	44
July 1879	10 10	2	M	1.30	64	44		10 10	3 1	M	1. 50 1. 66		14
Jan. 1880	10 10	3 1	M M	1.30 1.50	44	11	Average	10	9	М	1. 40	"	66
Average	10	4	м	1.35	44	64	July 1885	10	2	M	1. 25 1. 30		66
July 1880	10 10 10	1 1 2	M M M	1. 25 1. 30 1. 40	66 66	66 66		10 10 10	1 5 1	M M M	1, 35 1, 50 1, 66	41	44
Average		4	м	1. 331	**	66	Average	р 10	1.0	M	1.43	"	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

MACHINISTS' HELPERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of	wages.
Jan. 1886	10	1 1 1	M M M	\$1. 25 1. 30 1. 35	per	day.	July 1888- cone'd.	10 10	4 1	M M	\$1.50 1.66½	per	day.
	10 10	2 3	M	1.45	66	44	Average	10	8	М	1.44	44	**
	10 10	1	M	1.50 1.66½		44	Jan. 1889	10 10	2 1	M	1. 25 1. 35	**	66 68
Average	10	9	M	1.44	"	4.6		10	5	M	1. 50	44	11
July 1886	10 10	1	M	1. 25 1. 35	66	46	Average	10	. 8	м	1.42	"	44
	10 10 10	1 1 4	M M M	1. 40 1. 45 1. 50	6 6 6 6 6 6	6 6 6 6	July 1889	10 10 10	5 1 3	M M M	1. 25 1. 35 1. 50	6 6 6 6	46 46 64
Average		8	M	1. 43	44	44	Average		9	M	1.341	44	41
Jan. 1887	10 10 10 10	1 1 1 5	M M M	1. 25 1. 35 1. 40 1. 50	44 44 44	66 66 86	Jan. 1890	10 10 10	5 1 4	M M M	1. 25 1. 35 1. 50	1 E 1 E	66 44
	10	ì	M	1.62	- 44	4.6	Average	10	' 10	М	1.36	64	· ga
Average	10	9	M	1. 46	4.6	"	July 1890	10 10	2 9	M	1. 25 1. 50	44	46
July 1887	10 10	2	M	1. 25	66	**		10	ı î	M	1.60	46	44
	10 10	6	M	1.50 1.621	4 6 6 4	44	Average	10	12	M	1.461	4.6	"
	10	1	M	1.661	66	4.4	Jan. 1891	10 10	<u>i</u> 1	M M	1. 15 1. 25	46	11
Average		11	М	1.461		**		10 10	13 1	M M	1.50 1.60	14	16
Jan. 1888	10 10 10	1 5	M M M	1. 25 1. 35 1. 50	44	46 44	Average	10	16	M	1. 47	44	16
	10	1	M	1.661	44		July 1891	10 10	$\frac{1}{2}$	M	1.15 1.25	41	11
Average	10	9	М	1.443	"	44	A CONTRACTOR OF THE PARTY OF TH	10 10	1 <u>1</u>	M	1. 50 1. 60	11	44
July 1888	10 10	2 1	М	1. 25 1. 35	44	44	Average		15	М	1.45	44	4.6
	1	1		1			ļ!						

MELTERS.

Jan. 1864 July 1864 Jan. 1865	10 10 10	1 1 1	M M M	1. 16½ 1. 33½ 1. 33½	per	day.	July 1872	10 10	1 1	M M	1. 831 3. 00	per	day.
July 1865 Jan. 1866	10 10	1	M M	1.50 1.50	46	44	Average	10	2	M	2. 411	4.6	
July 1866 Jan. 1867 July 1867	10 10 10	1, 1,	M M M	1. 50 1. 50 1. 50	16	16	Jan. 1873	10 10	1 1	M M	1.83½ 3.00	44	46
Jan. 1868 July 1868	10 10	ī	M	i. 50 i. 50	46	66	Average	10	2	М	2.411	u	46
Jan. 1869 July 1869 Jan. 1870	10 10 10		M M M	1. 50 2. 00 2. 00	61	11	July 1873	10 10	1 1	M M	1.66½ 3.00	44	£4
July 1870	10	î	M	2. 50	44	66	Average	10	2	M	2. 331	**	44
Jan. 1871	10 10	1	M M	$\begin{array}{c} 1.66\frac{1}{2} \\ 2.50 \end{array}$	44	, 11	Jan. 1874	10 10	1 1	M M	$\frac{1}{3}$, $\frac{66\frac{1}{2}}{3}$	11	64 65
Average	10	2	71	$2.08\frac{1}{2}$	44	6.6	Average	10	2	м	$2.33\frac{1}{2}$	44	44
July 1871	10 10	1	M M	1. 66½ 2. 75	44	66	July 1874	10 10	1	M M	1.66½ 3.00	64 64	66 66
Average	10	2	М	2. 201	44	46	Average	10	2	M	$2.33\frac{1}{2}$	44	44
J an. 1872	10 10	1,	M M	1.66½ 2.75	44	44	Jan. 1875	10 10	1 1	M M	1.66½ 3.00	64 66	"
Average	10	2	М	2. 20½	"	**	Average	. 10	2	M	2.331	44	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

MELTERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	vages.
July 1875 Jan. 1876 July 1876	10 10 10 10	1 1 1	M M M	\$2. 25 2. 25 2. 00 2. 00	per	day.	Jan. 1886	10 10 10	1 1 1	M M M	\$1.50 1.75 2.25	per	day.
Jan. 1877 July 1877 Jan. 1878	10 10 10	1	M M	1.80 1.80	16	11	Average	10	3	M	1.831	1.4	"
July 1878 Jan. 1879 July 1879	10 10 10	1 1 1 1	M M M	1.80 1.80 1.80	66	44	July 1886	10 10 10	1 1 1	M M M	1.40 1.50 1.75	4 11 66 64	4 6 4 6
Jan. 1880 July 1880	10	1	M	1.80	**	44	Average	10	1 4	M	2. 25 1. 72‡	66	44
	10	1	M	2.00	14	11 /	Jan. 1887	10	1	М	1.40		44
Average Jan. 1881	10	1	M M	1.623		44		10 10 10	1 1 1	M M M	1.50 1.75 2.25	11	6 E
0 an. 1001	10	î	M	2, 00	44	44	Average	10	4	М.	1,721		
-Average	10	2 1	M M	1.621	"	16	July 1887	10 10	1	M M	1.50 1.75	11	46 - 16
July 1881	10	i	м	1.40 2.00	44		Average	10	3	M M	2. 25 1. 834		"
Average	10	2	М	1.70	13	**	Jan. 1888	10	1	M	1.50	11	44
Jan. 1882	10 10 10	1 1 1	M M M	1.40 1.50 2.00	6 E 6 E	6 6 6 6 6 6		10	1	M	1.75 2.25	11	"
Average	10	3	M	1. 633	4.6		Average July 1888	10	3	M M	$1.83\frac{1}{2}$ 2.00	**	"
July 1882	10 10	1 1	M M,	1.40 1.75	11	44	Jan. 1889 July 1889	10 10	2 2	M M	2.00 2.00	66	**
Average	10	3	M	2. 25	**	41	Jan. 1890	10 10	$\frac{1}{2}$	M M	1.50 2.00	4.6	**
0							Average	10	3	M	1.831	6.6	**
Jan. 1883 July 1883	10 10	1	M M	2. 25 2. 25	**	44	July 1890	$\begin{array}{c} 10 \\ 10 \end{array}$	$\frac{1}{2}$	M M	1. 66½ 2. 00	11	"
Jan. 1884	10 10	1 1	M M	1.40 2.25	11	66	Average	10	3	М	1.89	4.4	4.6
Average	10	2	М	1.821	'	£1	Jan. 1891	10 10 10	1 1 1	M M M	1.50 $1.66\frac{1}{2}$ 2.00	14	61 61
July 1884 Jan. 1885	10 10	1	M M	2. 25 2. 25	**	64 65	Average	10	3	M	1.72		66
July 1885	10 10 10	1 1 1	M M M	1. 50 1. 75 2. 25	"	4.6 6.6 8.6	July 1891	10 10 10	1 1 1	M M M	1.50 1.66½ 2.00	6 6 4 4 6 6	£ £
Average	10	3	м	1. 831	44	"	Average	10	3	м	1.72		4.6

MOULDERS.

Jan. 1853	10 10 10	2 1	M M M	1.25 1.30 1.374	- 66	day.	July 1853- conc'd.	10 10	3 1	M M	1. 66½ 1. 75	per	day.
	10 10	3	M	1.50 1.66%	6.6	46	Average	10	11	М	1. 475		6.6
ι							Jan. 1854	10	4	М	1.25		4.6
Average	10	9	M	1.44%	6.6	6.6		10	1.	M	1.33	1.5	4.4
								10	1	M	1.374		6.6
								10	1	M	1.41 %	6.6	6.6
July 1853	10	3	M	1.25		"	il	10	3	M	1.50	1.6	6.6
- 423 2000	10	ř	M	1.33	4.6		li l	10	3	M	$1.66\frac{1}{2}$	6.6	4.6
	10	1	M	1.37		4.5							
	10	2	M	1.50	44	66	A.verage	10	13	M	1.43	44	44
-	= × oc	0		0.0									

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MIETALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECT. ICUT—Continued.

MOULDERS-Continued.

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Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of y	vages.
July 1854	10 10 10 10 10 10	1 1 1 2 1 2	M M M M M	1. 37½ 1. 50 1. 58 1. 66½	er day.	July 1859	10 10 10 10 10	3 1 2 2 2 4	M M M	\$1.33\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	per	day,
	10	1	M	1.75	14 46	Average	10	12	M	1, 56	46	45
Average	10	9	M	1, 511	** **	Jan. 1860	10 10	4	M M	1.331 1.50	44	16
Jan. 1855	10 10	1 2	M	1.37½ 1.50	** **		10	4	_M	1.75	**	**
	10 10 10	1 3 1	M M M	1.58 1.66½ 2,00	64 64 64 64	Average	10	12 2	M	1. 53	11	16
Ayerage		8	M	1, 62	44 44	July 1860	10 10 10	4	M	1. 33½ 1. 50 1. 75	11	,
July 1855	10	1	M	1.371		Average	10	9	м	1.543		11
5 4-5 4-4-	10 10_	3 2	M M	1. 50 1. 75	11 11	Jan. 1861	10	1	M	1. 331	* 6	44
Average		6	м	1.561	66 66		10 10	7 3	M M	1.50° 1.75	44	44
Jan. 1856	10	1	M	1. 371	11 11	Average	10	11	M	1.551	14	
	10 10	3 2	M M	1.50° 1.75		July 1861	10	2	M	1.331		41
Average	10	6	M	1.561	14 66		10 10 10	9 3 1	M M M	1.50 1.75 1.834	11	16
July 1856	10 10	1 1	M M	$1.33\frac{1}{2}$ $1.37\frac{1}{2}$	** **	Average	10	15	M	1.55	6.6	14
	10 10 10 10 10	2 I 1 1 2	M M M M M	1. 50 1. 62½ 1. 65 1. 66½ 1. 75	56 64 56 66 16 61 11 64	Jan. 1862	10 10 10 10	1 , 2 , 1	M M M	1, 50 1, 66½ 1, 75 1, 83½	11	11 11
Average	10	9	М	1.57		Average	10	12	м	1, 58½	i i	
Jan. 1857	10 10 10 10 10	1 1 1 2 3	M M M M M	1. 33½ 1. 37½ 1. 50 1. 66⅓ 1. 75	44 44 44 44 44 44 44 44 44 44 44 44 44	July 1862	10 10 10 10	8 1 2 1	M M M M	1. 50 1. 66 1. 75 1. 83 ½	16	14 14 16 44
Average	10	8	М	1. 60	14 66	Average	10	12	М	1.58½	44	
July 1857	10 10 10 10	1 1 2 1	M M M M	1, 33½ 1, 37½ 1, 50 1, 66½	66 66 66 66 65 66	Jan. 1863	10 10 10 10	5 1 2 1	M M M M	1. 50 1. 66½ 1. 75 1. 83½	66	46 16 16
	10	4	M	1. 75	44 44	Average	10	9	М	1. 61	14	66
Average Jan. 1858	10 10 10 10 10	9 • 1 2 1 3	M M M M M	1, 66½ 1, 75	66 &8 66 E6 66 E8 66 48	July 1863	10 10 10 10 10 10 10	3 1 2 2 1 2	M M M M M M	1. 50 1. 60 1. 66½ 1. 75 1. 83½ 1. 92 2. 00	66 66 66 66	11 11 11
Average	10	7	M	1.019	** **	Average	10	12	<u>x</u>	1.711	44	14
July 1858 Average	10 10 10 10 10 10	1 1 2 1 3	M M M M M	1. 37½ 1. 50 1. 66½ 1. 75	66 66 66 66 66 66	Jan. 1864	10 10 10 10 10 10	4 1 4 3 1	M M M M M M	1. 50 1. 58 1. 66 $\frac{1}{2}$ 1. 75 1. 83 $\frac{1}{2}$ 1. 87 $\frac{1}{2}$	66 66 66 61	11 11 11 11 11
Jan , 1859	10	1	М	1.003			10	4	М	2. 00	11	.1
	10 10 10	$\frac{1}{2}$	M M M	1.50	66 66 66 66	Average	10	18	!	1,731	**	"
Average			M	1.10	4 4	July 1864	10 10 10	6 3 2	M M M	1.50 1.66 1 1.75	44	64 68

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

MOULDERS-Continued.

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Payroll of -	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	.	Payroll of—	Hours per day	Different employés.	Sex.	Rate	of v	vages.
July 1864 - cone'd.	10 10	1 7 3	M M M	\$1.83½ 2.00 2.25	per	day.		Jan. 1868- conc'd.	10 10	8 1	M M	\$2.50 2.75	per	day.
	10 10 10	1 1	M	2.37	44	44		Average	10	15	М	2. 29	+ 4	• 6
Average	10	25	M	3. 25	"	44		July 1868	10 10 10	$\begin{array}{c}1\\2\\1\end{array}$	M M M	1. 66½ 1. 75 1. 83½	66 66	"
_	10	3	M	1.75	"	44			10	î	M	2.00° 2.25	66	66
Jan. 1865	10 10	3 5	M	2.00	14	44			10	5	M M	2.50 2.66	14	66
	10	1	M	2.50 2.75	66	44	İ		10	2	М	2.75	6.6	"
	10	î	M	3. 25	44	66		Average	10	14	M	2.28	••	, 44
Average	10	14	M	$2.21\frac{1}{2}$	44	46		Jan. 1869	10 10	1 3	M	1. 66½ 1. 75	66	11
July 1865	10 40	1 6	M	1, 66½ 2, 00	44	44			10	1 1	M	2.00 2.25	6.6	66
	10	4	M	2, 25	44	44	ļ		10	6	M	2.50	44	44
	10	6	M	2.50	14	**			10 10	2	M	2.75 3.00	44	44
Average	10	18	М	2. 271		**		Average	10	15	M	2. 31	44	
Jan. 1866	.10 10	2 2	M	1.50 1.661		44		July 1869	10 10	6	M	1. 66½ 1. 75	14	66
	10	4	M	2.00	6.6	6.6			10	1 7	M	1.83	- 44	44
	10	3 5	M	2. 25 2. 50	66	44	-		10 10	$\frac{7}{2}$	M	2.00 2.25	66	64
	10	1	M	3. 25	4.6	44			10	6	M	2.50	6.6	44
A manage	10	17	M	2. 16	6.6				10 10	3 2	M	2.75 3.00	16	44
Average July 1866	10	5	м	1.50	"	46			10	ĩ	M	3. 25	4.6	11
0 axy 1000	- 10	1	M	1, 663	66	66		Average	10	32	M	2, 18		4.6
	10	2	M	2.00	44	66		Jan. 1870	10 10	4	M	1.75 1.83½	44	11
	10 10	1 1	M	$2.16\frac{1}{2}$ 2.25	66	6.6			10	6	M	2.00	16	44
	10	8	M	2.50	66	44			10	5 3	M	2.50 2.75	66	46
	10	2	M	$\begin{vmatrix} 2.75 \\ 3.00 \end{vmatrix}$	44	4.6	ł		10 10	2	M	3.00	٤٤	44
_	10	î	M	3, 50	4.6				10 10	1	M	3. 25 3. 50	66	44
Average	10	23	M	2. 233	4.6	**	,	Average		23	М	2.36	"	**
Jan. 1867	10 10	5	M	1.50 1.661	6.6	6.6		July 1870	10	7	м	2.00	4.6	6.6
	10	1	M	1.75	44	44			10	2	M M	2. 25 2. 35	44	46
	10	1 4	M	1.93½ 2.60	66	16	ı		10 10	1 7	M	2.50	6.6	4.6
	10	В	M	2.50		6.6			10	4	M	2.75	11	4.6
	10	1 1	M	2.75	44	66			10 10	2	M M	3.00 3.25		4.6
	10	1	M	3, 50	4.4	4.4			10	1	М	8, 75		14
Average	10	23	M	2. 18	6.6	44		Average	Ì	25	M	2.491		44
July 1867	10	2	M	1.661	44	66		Jan. 1871	10 10	5 3	M	2.00 2.25	44	66
	10	1 3	M. M	$1.83\frac{1}{2}$ 2.00	4.4	64			10	7	M	2.50	64	44
	10	1	M	2.16	4.4	44			10 10	7	M	2.75 3.00	16	64
	10 10	6 1	M	2.50 2.75	4.4	66			10	1	M	3, 25	44	- 14
	10	2	M	3.00	66	66			10	1	M	3. 75	4.5	1.6
A wone	10	1	M.	3.50 2.381	66	1.		Average	10	25	М	2.54	- 41	44
Average		17	M	. ~				July 1871	10	7	M	1.75	14	44
Jan. 1868	10 10	2 3	M	1.66½ 2.00	66	66			10	1 8	M	$\begin{array}{c} 1.835 \\ 2.00 \end{array}$	44	£ &
	10	1	M	2.25	6.6	44		-	10	Ĭ.		2. 25	14	41
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METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

MOULDERS .- Continued.

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Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of wages.
July 1871- cone d.	10 10 10 10	13 8 1 1	M M M M	\$2.50 per day. 2.75 " " 3.25 " " 3.75 " "	July 1875- conc'd.	10 10 10 10	3 1 , 1	M M M M	\$2.50 2.70 2.75 2.921	per day.
A verage	10	43	M	2.34 44 44	Average	10	29	M	2. 30	46 46
Jan. 1872	10 10 10 10 10 10 10 10	5 1 7 5 16 8 2 1	M M M M M M M	1.75 " " 1.83 " " 1.2.00 " " 1.2.00 " " 1.2.25 " " 1.2.50 " " 1.2.75 " 1.2.75 " " 1.2.75 " " 1.2.75 " 1	Jan. 1876	10 10 10 10 10 10 10 10	5 4 5 1 8 2	M M M M M M M	1.80 2.00 2.25 2.47½ 2.50 2.70 2.75 2.92½	6 46 46 46 46 46 46 46 46 46 46 46 46 46
Average	10	45	M	2.40 " "	Average	10	26	М	2. 284	11 16
July 1872	10 10 10 10 10 10	5 6 9 12 5 2	M M M M M M	2. 00 " " " 2. 25 " " " 2. 50 " " " 3. 00 " " " 3. 25 " " " "	July 1876	10 10 10 10 10 10	2 3 4 4 9	M M M M M	1.60 1.80 2.00 2.20 2.40 2.45	66 66 66 68 64 68 64 64 64 64 65 66 66 ,4
Average		39	M	2.013	_	10	1	М	2.60	44 44
Jan. 1873	10 10 10 10 10 10	7 3 5 10 2 2	M M M M	2. 00 " " " " 2. 25 " " " " 2. 50 " " " " 3. 00 " " " " 3. 25 " " "	Average Jan. 1877	10 10 10 10	18 2 1 3 3	M M M M	1.60 1.75 1.80 2.00	11
Average	10	29	M	2.521 " "		10 10	4 8	M M	2. 20	10 11
July 1873	10 10 10 10 10	7 9 11 4 2	M M M M	2,00 " " 2,50 " " 2,75 " " 3,00 " " 3,25 " "	Average	10 10	1 18	M M M	2. 45 2. 60 2. 08	16 16
Average	10	33	M	2. 584 " "	July 1877	10 10	2	M	1.40 1.45	16 16
Jan. 1874	10 10 10 10 10	4 3 6 3 1	M M M M	2.00 " " 2.50 " " 2.75 " " 3.00 " " " 3.25 " "		10 10 10 10 10 10 10	1 2 4 1 2 1	M M M M M M	1.55 1.80 2.00 2.10 2.13 2.20 2.30	16
Average		17	M	2.009	Average	10	15	М	1.881	16 11
July 1874	10 10 10 10 10 10	4 2 3 7 8	M M M M M	2. 00 " " " 2. 25 " " " 2. 75 " " " 3. 00 " " " " 3. 25 " " "	Jan. 1878	10 10 10 19 10	2 1 1 1 5	M M M M	1. 40 1. 45 1. 55 1. 80 2. 00	16 66 66 68 6 66 16 66 16 66 16 66
Average	10	20	M	2.571 11 11		10 10	1 2	M M	2. 10 2. 13 2. 20	68 68 68 68
Jan. 1875	10 10 10 10	4 2 3 6	M M M M	2.00 " " " 2.25 " " " 2.50 " " " " 2.75 " " "	Average	10 10 10	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M	2. 20 2. 25 2. 30 1. 92	11 11
	10 10	4	M M	3.00 11 11	July 1878	10	3	M	1.40	46 46
Average	10	20	М	2.581 " "		10 10	1 1	M	1.45	16 46 16 46
July 1875	10 10 10 10	7 2 4 8	M M M	1.80 44 44 2.00 44 44 2.25 46 44 2.471 44 44		10 10 10 10 10	1 5 1 2	M M M M	1. 55 1. 80 2. 00 2. 10 2. 13	68 68 66 68 66 48

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

MOULDERS-Continued.

Payroll Post				1	1		II I			1			
Conc'd. 10 1 M 2.35 " " Conc'd. 10 1 M 2.25 " " " Conc'd. 10 1 M 2.25 " " " Conc'd. 10 1 M 2.25 " " " Conc'd. 10 1 M 2.25 " " " Conc'd. 10 1 M 2.25 " " " Conc'd. 10 1 M 2.25 " " " Conc'd. 10 1 M 2.25 " " " Conc'd. 10 1 M 2.25 " " " Conc'd. 10 1 M 2.46 " " " " Conc'd. 10 1 M 2.46 " " " Conc'd. 10 1 M 2.46 " " " " Conc'd. 10 1 M 2.46 " " " " Conc'd. 10 1 M 2.46 " " " " Conc'd. 10 1 M 2.46 " " " " Conc'd. 10 1 M 2.46 " " " " Conc'd. 10 1 M 2.46 " " " " Conc'd. 10 1 M 2.46 " " " " Conc'd. 10 1 M 2.46 " " " " " Conc'd. 10 1 M 2.46 " " " " " Conc'd. 10 1 M 2.46 " " " " " " Conc'd. 10 1 M 2.46 " " " " " " " " Conc'd. 10 1 M 2.46 " " " " " "		per		Sex.	Rate o	f wages.		per		Sex.	Rate	of v	ages.
Jan. 1879 10	cone'd.	10 10	1 1	M	2. 25 2. 30	11 14		10 10 10 10	1 5 1	M M M M	2, 20 2, 25 2, 40 2, 46 1	6.6 6.6 6.6	44 44
10	Jan. 1879	10	1	M	1. 45	44 45	Average						
Average Average	. 1	10 10 10 10	4 1 2 1	M M M M	2. 00 2. 10 2. 13 2. 25	46 44 46 45 46 45	Jan. 1882	10 10 10 10	2 1 1 6	M M M M	1.75 1.92 2.20 -2.25	44 44 44 44	46 66 64 64
10	1	10	2	м	1.40	41 11		10 10 10	1 6 1	M M M	$ \begin{array}{c c} 2.46\frac{7}{2} \\ 2.50 \\ 2.60 \end{array} $	64 66	66
Average 10 17 M 1.87 " " Average 10 2 M 2.34 " " 10 1 M 2.25 " " 10 1 M 2.25 " " " " 10 1 M 2.25 " " " 10 1 M 2.25 " " " 10 1 M 2.25 " " " 10 1 M 2.25 " " " 10 1 M 2.25 " " " 10 1 M 2.25 " " " 10 1 M 2.25 " " " " 10 1 M 2.25 " " " 10 1 M 2.25 " " " 10 1 M 2.25 " " " 10 1 M 2.25 " " " 10 1 M 2.25 " " " 10 1 M 2.25 " " " 10 1 M 2.25 " " " " 10 1 M 2.25 "		10 10	2 2	M M M	1.50 1.80 2.00	16 46 14 66 14 44	Average	10			2, 30		
Average 10 17 M 1.50 Average 10 2 M 2.66½ Jan. 1880 10 2 M 1.50 Average 10 23 M 2.34 10 2 M 1.75 Jan. 1883 10 3 M 2.34 10 2 M 1.80 Jan. 1883 10 3 M 2.00 10 1 M 2.25 10 1 M 2.25 10 1 M 2.25 10 1 M 2.25 10 1 M 2.25 10 1 M 2.26		10 10 10	1 1	M M M	2. 13 2. 25 2. 30	66 66 66 66	July 1882	10 10 10 10	1 10 2 5	M M M M	2. 10 2. 25 2. 37½ 2. 50	44 44	46 41 66
Average 10	_												
Average 10 19 M 1.92 " " Average 10 24 M 2.33 " " " 10 1 M 2.25 " " 10 1 M 2.30 " " 10 1 M 2.30 " " 10 1 M 2.30 " " 10 1 M 2.30 " " 10 1 M 2.66	Jan. 1880	10 10 10 10	1 2 2 5	M M M M	1. 66½ 1. 75 1. 80 2. 00	11 11 11 11 11 11 11 11 11 11 11 11 11		10 10	3	M	2.00 2.10	44	44
Average 10 17 M 1.92 " " Average 10 24 M 2.36½ " " 10 1 M 1.66½ " " 10 1 M 2.00 " " 10 1 M 2.25 " " 10 1 M 2.36½ " " 10 1 M 2.35 " " 10 1 M 2.36½ " " 10 1 M 2.36½ " " 10 1 M 2.36½ " " 10 1 M 2.35 " " 10 1 M 2.36½ " " 10 1 M 2.3	-	10 10	2 1	M	2.13	41 44		10 10 10	1 5 1	M M M	2. 37½ 2. 50 2. 60	66	64 64 64
Average 10 19 M 1.50 " " Average 10 24 M 2.00 " " " 10 1 M 2.25 " " " 10 1 M 2.50 " " Average 10 21 M 2.20 " " " 10 1 M 2.50 " " Average 10 21 M 2.25 " " " 10 1 M 2.66 " " " 10 1 M 2.66 " " " 10 1 M 2.66 " " " 10 1 M 2.66 " " " 10 1 M 2.25 " " " 10 1 M 2.66 " " " 10 1 M 2.66 " " " 10 1 M 2.25 " " " 10 1 M 2.66 " " " 10 1 M 2.66 " " " 10 1 M 2.25 " " " 10 1 M 2.66 " " " 10 1 M 2.25 " " " 10 1 M 2.66 " " " 10 1 M 2.25 " " " 10 1 M 2.25 " " " 10 1 M 2.66 " " " 10 1 M 2.25 " " "	Average	10	17	М	1.92								
Average 10 19 M 1.50 " " Average 10 21 M 2.25 " " Average 10 1 M 2.20 " " 10 1 M 2.25 " " 10 1 M 2.25 " " 10 1 M 2.37 " " 10 1 M 2.37 " " 10 1 M 2.37 " " 10 1 M 2.37 " " 10 1 M 2.37 " " 10 1 M 2.37 " " 10 1 M 2.37 " " 10 M 2.37 " " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " 10 M 2.37 " " " 10 M 2.37 " " 10 M 2.3	July 1880	10		M	1,663	61 61		1		1	1		
Average 10 19 M 1.97 " " Average 10 21 M 2.32 " " Jan. 1881 10 5 M 1.50 " " 10 1 M 2.10 " " 10 1 M 2.25 " " 10 10 1 M 2.25 " " 10 1 M 2.35 " " 10 1 M 2.40 " " 10 1 M 2.50 "		10 10 10 10 10 10 10	1 3 1 1 3 1	M M M M M	1. 75 2. 00 2. 05 2. 20 2. 25 2. 30 2. 35	64 44 64 44 64 44 65 44	July 1883	10 10 10 10 10	1 10 1 5	M M M M	2. 10 2. 25 2. 37½ 2. 50 2. 63	61 61 61	44 45 45
Average 10 19 M 1.97 Jan. 1881 10 2 M 2.00 1 Jan. 1881 10 5 M 1.50 " 10 1 M 2.00 " 10 1 M 2.25 " " 10 1 M 2.25 " " 10 1 M 2.25 " " 10 1 M 2.25 " " 10 1 M 2.25 " " 10 1 M 2.25 " " 10 1 M 2.25 " " 10 1 M 2.50 " " 10 1 M 2.663 " " 10 1 M 2.20 " Average 10 20 M 2.34½ " 10 1 M 2.40 " July 1884 10 2 M 1.75 "		10					Average	10	.\ 21	М	2.32	6.6	11
Average 10 19 M 1.50 " " Average 10 20 M 2.05 " " Average 10 19 M 1.99½ " " 10 4 M 2.25 " " 10 4 M 2 M 2.25 "	• • • • • • • • • • • • • • • • • • • •	10 10	5	M M	1.50 1.66½	16 16	Jan. 1884	10 10 10	1 8 1	M M M	2. 10 2. 25 2. 37½	64 64 54	11
Average 10 19 M 1.99½ " " 10 1 M 2.255 " " 10 19 M 1.50 " " 10 1 M 2.255 " " 10 1 M 1.50 " " 10 1 M 2.255 " " 10 1 M 1.50 " " 10 1 M 2.255 " " 10 1 M 1.50 " " 10 1 M 2.255 " "		10 10 10	1 1	M M M	2, 00 2, 05 2, 20	66 16 66 46	A WATE OF	10 10	1 2	M	2.63 2.66½	4.	44
Average 10 19 M 1.99½ " " 10 4 M 2.25 " " July 1881 10 1 M 1.56 " " 10 1 M 2.40 " 10 1 M 1.66 " " 10 1 M 2.50 " 10 5 M 1.75 " " 10 3 M 2.50 "		10 10 10	1 1 1	M M M	2. 35 2. 40 2. 46½	16 46 14 46		10 10 10	2 3 4	M M M	1.75 2.00 2.05	44	44
July 1881 10 1 M 1.50 " " 10 1 M 2.40 " " 2.40 " " 10 1 M 2.50 " " 10 1 M 2.50 " " 10 1 M 2.50 " " 10 1 M 1.66½ " " 10 1 M 2.50 " " 10 1 M 2.50 " " 10 M 1.75 " 10 M 1.75 " " 10 M 1.75 " " 10 M 1.75 " " 10 M 1.75 " " 10 M 1.75 " " 10 M 1.75 " " 10 M 1.75 " " 10 M 1.75 " " 10 M 1.75 " " 10 M 1.75 " " 10 M 1.75 " " 10 M 1.75 " " 10 M 1.75 " " 10 M 1.75	Average	10		M	1.991	14 14		10	4	M	2. 25	6.6	66
10 1 M 1.92 " " Average 10 22 M 2.16 " "	July 1881	10 10	1 5	M	$1.66\frac{1}{2}$ 1.75	44 44	Awara	10	1 3	M	2. 40 2. 50	44	44

RIETALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECT. ICUT—Continued.

MOULDERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1885	10 10 10	2 2 4 4	M M M	\$1.75 per day. 2.00 " " 2.05 " " 2.15 " "	July 1887- cone'd.	10 10 10	5 1 1	M M M	\$2.50 per day. 2.65 "" 3.00 ""
	10	5	M	2. 25 " "	Average	10	56	M	2. 131 " "
	10 10	1	M M	2.40 11	Jan. 1888	10	6	М	1.75 " "
	10	4	<u>M</u>	2.00		10 10	1 2	M	1.95 " "
Average	10	23	M	2. 181 " "		10 10	8	M M	2.00 " "
July 1885	10 10	3 2	M	1.75 " " "		10 10	2	M	2.15 " " 2.20 " "
	10 10	2 4 5	M	2.05 " "		10 10	8	M M	2.25 46 44
	10	4 2	M	2. 25 " " " 2. 35 " "		10 10	1 1 1	M	2.371 " " 2.40 " "
	10	1	M	2. 40 " "		. 10	4	M	2.50 " "
	10	4	М	2. 50	7	10 10	1	M	2.75 " "
Average	10	25	M	2.17 " "		. 10	1	М	3.00 " "
Jan. 1886	10 10	1 2	M	1.60 """	Average		43	М	2.151 " "
	10 10	3 4	M	2.00 " " " 2.05 " "	July 1888	10 10	6	M	1.75 " "
	10	3	M	2. 15 " "		10 10	2 14	M M	2.00 " "
	10 10	1 2	M	2.35 " "		10	2	M	2.05 " "
	10 10	4	M	2.40 " " " 2.50 " "		-10 10	3 2	M	2. 20 ' " "
Average	10	23	м	2.16 " "	,	10 10	* 9 1	M M	2. 271 " "
July 1886	10	1	м	1.66% ""		10 10	1 1	M	2. 37 4 " " " 2. 40 " "
n ary root	10 10	2	M	1.75 " " -		10 10	5 1	M M	2.50 " " 2.65 " "
	10	4 6	M	1.95 " "		10 10	1	M	3,00 " "
	10 10	4	M	2.05 " " ,					
	10 10	6 1 5	M	2.171 '' ''	Average		50	M	2, 10
	10 10	5	M	2. 25 " " "	Jan. 1889	10 10	3	M	1.90 " "
	10 10	1 6	M	2.40 " " " 2.50 " "		10 10	1 11	M	1.95 " " 2.00 " "
A		41	M	2.11 " "		10	2	M	2.05 " " "
Average	10	#1	M	2.11	1	10	1	\mathbf{M}	2.20 " "
Jan. 1887	10 10	3	M	1.75 44 49		10 10	8	M	2.37
	10	2	M	1.95 " "		10 10	1 6	M M	2.50 " " "
	10 10	11 3 5	M	2.05 " "		10 10	1 1	M	2.65 " " 2.75 " "
	10 10	13	M	2.15 " " " 2.25 " "		10	î	M	3.00 " "
	10 10	1	M	2.30 " "	Average	10	39	M	2. 20 " "
•	10	, 5 1	M	2.50 " " " 2.65 " "	July 1889	10	3	M	1.75 " "
A				2.00		10 10	1 1	M	1.95 " "
Average	10	46	М	2.15 " "		10 10	11	M	2. 15 " "
July 1887	10 10	1 7	M	1.661 " " " 11	1	10	1	M	2. 20 " " " 2. 25 " "
	10	1	М	1.90 " "		10	1	M	2.331 " " " 2.40 " "
	10 10	1 12	M	2.00 44 44		10 10	1 6	M	2.50 "
	10 10	3 6	M	2.05 " " " "		10	1	M	2.75 " "
	10 10	2 15	M	2.20 44 44		10	1	М	3.00 " "
	10	1 1	M	2,35 " "	Average	10	33	M	2. 20 " "

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

MOULDERS-Concluded.

Payroll of—	Hours day.	Different employés.	Sex.	Rate	of	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages
Jan. 1890	10	3	М	\$1.75	per	day.	Jan. 1891	10	4	м	\$1.75	per	day.
	10 -10	1 1	M M	1.90 1.95	44	41		10	1	M	1.90	4.6	4.6
	10	15	M	2.00	44	6.6		10 10	14	M	2.00	44	66
	10	2	M	2. 15	44	11		10	2	M	2.15	44	64
	10	12	M	2, 25	44	64		10	3	M	2.161 2.17	- 66	44
	10	1	M	2, 334	44	44		10	11	M	2. 25	6.6	4.6
	10	1	M	2.37	1.6	6.6	1	10	î	M	2.27	6.6	4.6
	10	5	M	2.50	6.6	6.6		10	î	M	2.33	4.6	4.6
	-10	1	M	2.65	4.4	11		10	6	M	2.50	1.4	4.4
	10	1	M	2.75	5.6	66	1	10	1	\mathbf{M}	2.65	6.6	4.4
	10	1	71	3,00	6.6	6.6		10	2	M	2.75	4.6	6.6
Average	10	44	M	2, 18	4.2			10	1	M	3.00	4.6	4.6
Avoingo	10	22	161	2. 10			Average	10	48	м	2. 191	4.6	
July 1890	10	3	M	1.75	44	4.6	22.01.01		. 20		2.100		
	.10	1	M	1, 90	4.4	41							
	-10	1	M	1.95	t t	11	1						
	10	13	M	2.00	4.6	**	July 1891	10	2	M	1.75	11	4.5
	10	1	M	2.10	44	11		10	1	\mathbf{M}	1.90	1.6	4.6
	.10	3	M	2. 15	14	11		10	15	M	2.00		4.4
- 1	10	1	М	2. 161				10	2	M	2.15		4.6
	10 10	11	M	2. 25° 2. 33‡	14	44		10	1	M	2. 161	11	6.6
	10	11 1 1	M	2.37	6.6	64		10 10	3 6	M M	2.17 2.25	11	"
	10	5	M	2.50	44	44		10	1	M	2. 33	13	66
	10	5 1	M	2.65	64	1.6		10	8	M	2.50		4.4
	10	î	M	2.75	6.6	11	1	10	ĭ	M	2.65	4.6	6.6
	10	1	M	3.00		14		10	2	\mathbf{M}	2.75	6.6	4.6
Average	10	44	M	2.181	4.4	"	Average	10	42	M	2, 20	14	66

				ш	JUL	DERS.	ALLWESTI	D BLOS					
Jan. 1855 July 1855	10 10	1	M M	. 55	per	day,	July 1859 Jan. 1860 July 1860	10 10 10	1 2 1	M M M	1.00 .55 .60	per	day.
Jan. 1856	10 10	1 1	M M	. 60	44	41	Jan. 1861	10 10	1 1	M	.60	11	64
Average	10	2	M	. 55	"								4.6
July 1856	10 10	1	M M	. 55	44	41	Average	10	2	М	. 634		
Average	10	2	М	. 571	64	44	July 1861	10 10	1 1	M M	. 65 . 66½	4.6	66
Jan. 1857	10 10 10	1 1 1	M M M	. 50 . 55 . 65	66 66	6 5 6 5	Average		2	M	, 65 ½	4.6	44
Average	10	3	.М.	. 56½	**	**	Jan. 1862	10 10	1	M	.65 .663	11	**
July 1857	10 10 10	1 1 1	M M M	. 55 . 60 . 65	65 66 64	44	Average	10	2	M	. 65½	"	"
Average	10	3	м	. 60	14	41	July 1862	10 10	1	M M	. 66½ . 70		14
Jan. 1858	10 10	1 1	M M	, 60 , 65	**	"	Average	10	2	M	. 683	**	44
Average	10	2	М	. 62½	46	44	Jan. 1863 July 1863 Jan. 1864	10 10 10	1 1 1	M M M	. 664 1. 00 1. 124	66	11
July 1858	10 10	1 1	M M	. 65 . 90	66	44	July 1864 Jan. 1865	10 10	1 1	M M	. 80	64 61	11
Average	10	2	м	. 77½	11	11	Jan. 1866 July 1866	10 10	1 1	M M	1.00 1.00	44	"
Jan. 1859	10 10	1 1	M M	. 65 . 90	44	11	Jan. 1867	10 10	. 2	M M	. 90 1. 00	11	**
Average	10	2	M	. 77 1	6.6	**	Average	10	3	М	. 931	6.6	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECT. ICUT—Continued:

MOULDERS' APPRENTICES-Continued.

Payroll of—	Hours per day.	Different employés.		Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.
July 1867	10 10	1 2		\$0.90 1.00	per	day.	Jan. 1882	, 10 10	3 2	M	\$0. 66½ . 83	per	day.
Average	10	3	М	. 96½		44	Average	. 10	5	M	.73	4.6	44
Jan. 1868 July 1868	10 10	2 2	М	1.00 1.00	44	14	July 1882	10 10	3 2	M M	. 664 1. 00	**	45 46
Jan. 1869	10 10 10	1 2 1	M M M	. 75 1. 90 1. 10	44 44	64 64	Average	10	5	М	. 80	**	45
Average		4	М	. 961	1.6		Jan. 1883	10 10 10	1 1 1	M M M	. 66½ . 63 1 00	68 66	16
July 1869 Jan. 1871 July 1871	10 10 10	1 1 2	M M	.75 .90	66	44	Average	10	3	М	. 83	66	4.6
Jan. 1872	10 10	3 1	M	. 90	66	41	July 1883	10 10	2 1	M M	. 83 1. 00	**	44
Average		4	M	. 921	44	**	Average	10	3	М	.5%	**	44
July 1872	10 10	1 2	M	.75	44	66	Jan. 1884,	10 10	1	M M	. 66½ . 83	44	44
Average	10	5	м	1.00	66	66	Average	10	3	м	1.00	4.5	66
Jan. 1873	10	1	м	1. 25	44	66	July 1884	10	1	м	. 661	44	**
July 1873 Jan. 1874	10	3	Л	1.00	**	44	Average	10	3	M	1.00	44	46
Average	10	1 4	М	1.25	66	45	Jan. 15/	10	1	M	.83		**
July 1874	10	1	м	1.00	66	44	3.	10	1	М	1.00	44	44
Average	10	1 2	<u>л</u>	1.10	44	44	Average	10	2	М	.911	44	**
Jan. 1875	10 10	2 2	M M	1. 10	66	44	July 1885 Jan. 1886	10	2 2	М	. 66½	46	4.6
July 1875 July 1876 Jan. 1877	10 10	1 1	M	1.00	44	46 46	July 1806	10 10	2	M	. 83	53	.6
July 1877 Jan. 1878 July 1878	10 10 10	1 1	M M M	1.00 1.10 1.10	44	65 65	Average	10	3	М	. 67	46	**
July 1879 Jan. 1880	10	3	М	661	6.6	44	Jan. 1887:	10 10	1 2 1	M M M	. 50 . 66½ . 83	44	**
Average	10	1 4	М	. 83½ . 70½	44	66	Average	10	4	м	. 661		ř.
July 1990	10 10	5 1	M M	, 664	46	66	July 1887:	10 10	2 2	M M	. 66½ 1. 00	44	4.4
	10	1	М	1. 25	46	44	Average	10	4	М	. 833	44	
Average Jan. 1841	10	3	М	. 77 <u>1</u> . 661	"	44	Jan. 1856.	10 10	1	М	. 66½	41	44
VIII. 10 .	10 10 10	1 1	М	1.00 1.25	44	11 11		10 10	1 2	M M	.83 1.00	44	.6
Average	!	6	М	. 841	44	66	Average	10	5	Ж	. ~4	٠	**
July 1851	10 10	• 1	M M	. 66 <u>4</u> . 83	61 65	**	July 1888	10 10 10	2 1 1	M M M	.66 <u>}</u> .79 .83	15	4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
	10	1	м	1.00	4.6	6.6	1	10	ī	77	1.00	4.6	**

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

MOULDERS' APPRENTICES-Concluded.

							IMITOES—(Conciu	uou.				
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1889	10 10 10 10	2 1 1 1	M M M M	\$0.66½ .70 .83 1.00	per	day.	July 1890	10 10 10 10	1 1 1 1	M M M M	\$0.66½ .83 .90 1.00	Per "	day.
<u>A</u> verage	10	5	M	. 77	11	tr	Average	10	4	М	. 85	**	**
July 1889	10 10 10 10	1 1 2 1	M M M M	. 66½ . 80 . 83 1. 00	44	6 6 6 6 6 6	Jan. 1891	10 10 10 10	1 1 1 3	M M M M	. 66½ . 83 . 90 1. 00	11	44 44 45
Average	10	5	М	. 821	it	4.4	Average	10	6	М	. 90	**	**
Jan. 1890	10 10 10 10	1 1 2 1	M M M M	. 66½ . 80 . 83 1. 00	16	46 46 44	July 1891	10 10 10 10	1 1 1 2	M M M M	. 66½ . 83 . 90 1,00	64 64 64	44 66 66
Average	10	5	М	. 821	**	44	Average	10	5	M	.88	44	**
	1	1	1	·	MOI	LDERS	P HELPERS	š.		I	<u></u>		
		1 .		Ī			1	1			1		
Jan. 1853	10 10 10	2 1	M M M	1.00 $1.16\frac{1}{2}$	per	day.	July 1858	10 10 10	8 1 1	M M M	1.00 1.25 1.33½	per-	day
Average	10	7	М	. 89	64	44	Average	10	10	M	1.06	44	64
July 1853	10 10 10	1 7 1	M M	. 75 1. 00 1. 25	44	44	Jan. 1859	10 10	E 1	M M	1.00 1.33½	11	66
Average	10	9	М	1,00	64	**	Average	10	9	M	1.031	41	**
Jan. 1854	10 10 10	1 1 8	M M M	.75 .88 1.00	64 66	61 61	July 1859	10 10 10	9 2 1	M M M	1.00 1.10 1.25	44	66
Average	10	10	М	. 961	64	**		10	3	M	1.331		"
July 1854 Jan. 1855	10 10	10 7	M M	1.00 1.00	44	"	Jan. 1860	10	15 9	M	1.09½	41	44
July 1855	10 10	1	M M	1.00 1.25	64	41	<u>.</u>	10 10 10	2 2 1	M M M	1. 10 1. 25 1. 33½	44	16
Average	10	9	M	1.03	44	£ t	Average	10	14	M	1.07½	**	44
Jan. 1856	10 10	10 2	M	1.00	66	11	July 1860	10 10	8 2	M M	1.00 1.10	41	44
Average		12	M	1.04	44		-	10 10	2 1	M	$\begin{array}{ c c c }\hline 1.25 \\ 1.33 \frac{1}{2} \end{array}$	"	44
July 1856	10 10 10	14	M	1.00	44	**	Average	10	13	М	1.08	61	11
Average	10	17	M	1. 25	46	£ i	Jan. 1861	10 10 10	8 2 1	M M M	1,00 1,10 1,25	66	4.4 6.6 6.6
Jan. 1857	10 10	12	M	1.00 1.25	44	66	Average		11	<u>M</u>	1.04	44	44
Average		13	M	1.02	64	**	July 1861	10	11	M	1.00	44	44
July 1857	10 10	12 2	M M	1.00 1.33½	64 61	**		10	1	M	1. 10	"	44
Average	10	14	М	1.05	64	**	Average		13	M	1.02½ 1.00		**
Jan. 1858	10 10	7 2	M M	1,00 1,33½	"	46	Jan. 1862	10 10 10	14 1 1	M M M	1. 10 1. 25	44	84
Average	10	9	М	1.07	44	44	Average	10	16	M	1.02	46	14

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECT. ICUT—Continued.

MOULDERS' HELPERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
July 1862	10 10 10	11 1	M M M	\$1.00 1.10 1.25	per "	day.	July 1868	10 10 10	1 12 1	M M M	\$1.00 1.56 1.66	per	day.
Average	10	13	М	1. 021	44	44	Average	10	14	М	1.471		44
Jan. 1863	10 10	8	M	1.00 1.10	11	41	Jan. 1869	10 10	12	M M	1.10	11	"
Average	10	11	M	1. 25		46	,	· 10	1	M	1.50 1.60 1.661	14	11
July 1863	10	4	м	1. 10		41	Average	10	15	м	1.49	6.6	44
. *	10 10	5	M	1. 124 1, 164	4.6	44	July 1869	10	3	м	1. 25	11	11
.* *	10 10	1 1	M	1. 25	6.6	46		10 10	5 13	M M	1.50 1.661	46	11 11
Average	10	13	M	1. 40			Average	10	21	M	1. 561	"	".
Jan. 1864	10	14	м	1. 16		11	Jan. 1870	10 10	5 16	M M	1.50	64	64 65
	10 10	1 2	M	1. 20 1. 25	66	44	Average		21	м	1.661		
	10	1	M	1, 33		44	July 1870	10	7	 M	1.50	44	**
Average	10	18	M	1.18	14	"		10 10	15 3	M	1.661 1.75	41	44
July 1864	10 10 10	1 1 2	M M M	1. 00 1. 163 1 95	4.6	44	Average	10	26	M	1. 83½ 1. 63½	14	"
	10 10	11	M	1.25 1.33 1.35	16	44	Jan. 1871	10	9	M	1.50	14	
	10	5	M	1.50	٠،	66		10	1 19	M	1.60 1.661	44	£
Average	1	21	M	1.34		14		10	3	М	1. 75	44	•
Jan. 1865	10 10 10	10	M M M	1. 334	6.6	44	Average	10	32	M	1.621	"	44
A.verage		17	M	1.66		44	July 1871	10 10 10	2 1 1	M M M	1. 00 1. 25 1. 60	11	"
July 1865	10	8	м	1. 331		44		10 10	24 2	M	1, 66½ 1, 75	**	58 58
	10	5	M	1.50	64	**	Average	10	30	м	1.61	44	44
Average	10	13	M	1. 40	44	44	Jan. 1872	10	1	M	1.25.	££	£1 15
Jan. 1866	10 10	7 7	M	1.33½ 1.50	**			10 10 10	3 1 24	M M M	1.50 1.60 1.66½	66	44
Average	10	14	. M	1.411	14	"		10	3	M	1.75	41	**
July 1866	10 10	1 11	M M	1.33½ 1.50	41	44	Average	10	32	M	1.641	"	
Average	10	12	м	1. 48½	44	**	July 1872	10 10	1	M M M	1. 25 1. 50 1. 661	44	64 44
Jan. 1867	10 10	1 12	M M	. 90 1. 50	6 E	44		10 10 10	40 3 2	М	1. 75 1. 831	44	44 44
Average	10	13	M	1. 45	44	64	Average	10	47	M	1.661	44	"
July 1867	10 10	1	M M	. 90 1. 25	44	66	Jan. 1873	10 10	21	M M	1.66 ¹ 1.75	16 61	14 11
	10 10	9 1	M	1.50 1.661	44	44	Average	10	22	M	1, 67	**	**
Average	10	12	м	1. 441	44	44	July 1873	10	1	м	1.25	61	(b
Jan. 1868	10 10	1 7	M M	1.00 1.50	44	44		10	30	M M M	1, 50 1, 661 1, 75		11
Average	10	1	М	1.661		44	_	10	1 4	M	2.00		46
	10 1	9	M	1.461	**	** 1	Average	10 1	38	Л	1, 68}	61	16

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

MOULDERS' HELPERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	ages.
Jan. 1874	10 10 10	1 12 2	M M M	\$1.50 p 1.66½ 1,75	er d	lay.	July 1879- cone'd.	10 10	2 4	M M	\$1.35 1.40	per	day,
	10	3	M	2.00	44	44	Average	10	17	М	1, 23	44	4.6
Average	10	18	M	1.72	**	4.6	Jan. 1880	10	3	M	1.00	11	66
July 1874	10 10 10	13 5 3	M M M	$ \begin{array}{c} 1.66\frac{1}{2} \\ 1.75 \\ 2.00 \end{array} $	**	11,		10 10 10 10	13 1 4 1	M M M	1. 20 1. 35 1. 40 1. 45	44	4.6 4.1 4.6
Average	10	21	М	1.731	14	41		10	2	M	1.50	14	66
Jan. 1875	10 10 10 10	2 12 6 3	M M M	1.50 1.66½ 1.75 2.00	64 66 66	64 66 66	July 1880	10 10 10	24	M M M	1. 25 1. 25 1. 35	64	15
Av erage		23	M	1.711	41	**		10 10	3	M M	1.40	66	66
July 1875	10	4	M	1.40	44	44		10	. 1	M	1.50	11	4.6
- 0	10 10	24 1	M M	1. 60 1. 66½	46	54	Average		24	M	1.291	14	**
	10	6	М	1.75	"		Jan. 1881	10 10	. 22	M	1. 25 1. 35	44	**
Average		35	M	1.531	"			10	5	M	1.40	44	44
Jan. 1876	10	12	M	1.50 1.66½	44	44		10	1	M	1.50	14	
	10	5	M	1.75		"	Average	10	31	м	1. 29½	44	16
Average July 1876	10	18	M	1.58 1.35	44	14	July 1881	10	1	M	1. 30 1. 35	44	**
July 1010	10 10	2 4	M	1.50 1.55	44	44		10 10	3	M	1.40 1.45	44	66
	10	3	M	1.60	44 "	44		10	5	M	1.50	6.6	14
Average	10	19	M	1.441	4.6	4.6	Average	10	. 22	M	1. 341	16	44
Jan. 1877	10 10	1 9	M	1. 25 1. 35	11	44	Jan. 1882	10 10	21	M M	1. 25 1. 35	66	44
-	10 10	2 3	M	1.50 1.55	-11	44		10 10	2 0	M	1.40 1.50	11	66
p .	10	3	M	1.60		44		10	1	М	1.66½		**
Average	1	18	М	1.431		"	Average	1	31	M	1. 32½ 1. 00	44	44
July 1877	10	9	M	1.00 1.20	66	44	July 1882	10 10 10	3	M M	1. 25	11	46
	10 10	2 3	M	1.35 1.40	"	**		10	16	M	1.40	**	6 6 6 6
A verage	10	16	М	1. 23	44	44		10	1 4	M	1. 661 1. 75	. 14	44
Jan. 1878	_10 10 10	10 2 3	M M M	1. 20 1. 35 1. 40	4 6 6 4	44	Average	10	35	М	1. 45		44
Average	10	15	м	1. 26	44	64	Jan. 1883	10 10	1 2	M	1.00 1.25	66	66 18
July 1878	10	10	м	1.20	44	14		10	1 15	M	1.35	44	44
	10 10	2 2	M	1.35 1.40	44	44		10	6	M	1.50 1.66½		"
Average	10	14	М	1.25	"	4.6	A	10	3 29	M	1.75	٠.,	66
Jan. 1879	10	7	M	1.20	66	44	Average		5	M	1. 25	44	44
	10	2 3	M M	1.35 1.40	**	44	July 1883	10 10 10	8	M	1.40 1.50	44	44
Average	10	12	M	1. 271	44	66		10 10	1 3	M	1.66± 1.75		66
July 1879	10 10	3 8	M	1.00 1.20	66	44	Average		25	М	1, 45	. "	**

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECT. ICUT—Continued.

MOULDERS' HELPERS-Continued.

Payroll	Hours	Different			Payroll	Hours	Different			
of—	per day.	employés.	Sex.	Rate of wages.	of—	per day.	employés.	Sex.	Rate	of wages
Jan. 1884	10 10 10 10 10	6 7 8 1 1 4	M M M M M	\$1.25 per day, 1.40 " " " 1.50 " " " 1.55 " " " 1.66½ " " " 1.75 " "	Jan. 1887– cone'd.	10 10 10 10 10 10	2 1 7 1 1 2	M M M M M	$$1.40$ 1.45 1.50 $1.60\frac{1}{2}$ 1.75	per day.
Average	10	27	M	1, 461 " "	Average	10	33	М	1.351	66 66
July 1884	10 10 10 10 10 10 10 10	1 4 5 2 3 7 1 1 2	M M M M M M M	1.00 "	July 1887	10 10 10 10 10 10 10 10	1 20 1 2 3 1 9	M M M M M M M	1. 20 1. 25 1. 30 1. 35 1. 40 1. 45 1. 50	64 64 64 64 64 64 64 64 64 64 64 64 64 6
Average	10	26	M	1.401 " "	Jan. 1888	10 10	1	M M	1. 20	11 11
Jan. 1885	10 10 10 10 10 10 10	3 4 1 3 7 1 1	M M M M M M M	1. 25 " " 1. 30 " " 1. 35 " " 1. 40 " " 1. 50 " " 1. 60 " " 1. 75 " " "	Average	10 10 10 10 10 10	14 1 1 3 1 7 3 1 3 1 3	M M M M M M M	1. 25 1. 30 1. 35 1. 40 1. 45 1. 50 1. 66 1. 75	64 64 64 64 64 64 64 64 64 64 64 64 64 6
Average	10	21	М	1.421 " "	July 1888	10	1	м	1. 20	44 44
J uly 1885	10 10 10 10 10 10 10	2 4 5 2 2 2 8 1	M M M M M M M	1. 00		10 10 10 10 10 10 10 10 10	14 1 1 2 1 7 1 3	M M M M M M M M	1. 25 1. 30 1. 35 1. 40 1. 45 1. 50 1. 60 1. 66 1. 75	14 41 14 41
Average	10	25	м	1.37 " "	Average		33	M	1.40	44 44
Jan. 1886 4 - Average	10 10 10 10 10 10 10	1 2 6 1 1 2 5	M M M M M M M	1. 00 " " " 1. 25 " " " 1. 30 " " " 1. 35 " " " 1. 40 " " " 1. 45 " " " 1. 50 " " " 1. 36 " " " " 1. 36 " " " " " 1. 36 " " " " " " " " " " " " " " " " " "	Jan. 1889	10 10 10 10 10 10 10 10 10	2 1 15 1 1 2 1 8 6	M M M M M M M M M	1.00 1.20 1.25 1.30 1.35 1.40 1.45 1.50 1.661 1.75	46 46 46 46 46 46 46 46 46 46 46 46 46 4
July 1886	10	1	М	.95 " "	Average	10	39	м	1. 391	11 11
	10 10 10 10 10 10 10 10 10 10	1 1 3 8 4 2 2 5 3 1	M M M M M M M M	1. 00 " " 1. 17 " " 1. 20 " " 1. 25 " " 1. 30 " " 1. 35 " " 1. 40 " " 1. 45 " " 1. 50 " "	July 1889	10 10 10 10 10 10 10 10	2 12 1 1 2 7 4 2	M M M M M M M	1.00 1.25 1.30 1.35 1.40 1.50 1.66½	66 14 66 14 66 44 64 64 63 14 64 68 65 68 66 46
	10	1	M.	1.65 " "	Average	10	31	M	1. 39	a d
Average	10	32	M	1.321 " "	Jan. 1890	10 10	21	M M	1. 25 1. 35	44 44
Jan. 1887	10 10 10 10 10 10	1 1 3 10 2 2	M M M M M	1.00 " " 1.20 " " 1.25 " " 1.30 " " 1.35 " "	Average	10 10 10 10	3 10 4 1	M M M M	1. 40 1. 50 1. 66½ 1. 75	11 14 14 14 14 14

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTICUT—Continued.

MOULDERS' HELPERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of	Hours per day.	Dinerent	Sex.	Rate	of ,	wages.
July 1890	10	18 3	М	\$1, 25	per	day.	Jan. 1891-	10	4	М	\$1,663	per	day.
(ruz _i) =====	10		M	1.35	- 41	14"	conc'd.	10	1	М	1.75		"
	10	13	M	1.50	44	44							
	10	2	M	1.661	**	44	A verage	10	35	M	1.43	4.6	4.6
	10	1	M	1.75		**							
			3.5	7.00	46	66	July 1891	10	10	M	1, 25	4.6	
Average	-10	37	М	1.38	•••	**	l	10	1	M	1.40	4.6	**
						4		10	15	M	1.50		44
		1	1	1			ll .	10	2	M	1.661	2.6	LL
Jan. 1891	10	13	м	1.25	4.6	44	it	10	1	M	1.75	6.4	4.6
	10	1	M	1.40	6.6		}						
	. 10	16	M	1.50	6.6	84	Average	10	29	M	1.43	6.6	6.6

PATTERNMAKERS.

Jan. 1853	10 10 10	1 2 1	М · М М	1. 25 I 1. 50 1. 661	er	day.	Jan. 1858	10 10	, 1 1	M M	1.50 1.75	per	đạy.
	10 10	1	M M	1.87½ 2.00	"	6 b 6 b	Average	10	2	М	1.625	6.	14
Average	10	. 6	М	1. 63		**	July 1858	10 10	1 1	M M	1.75 2.00	64	66
July 1853	10 10	1 1	M M	1.50 1.62	"	16	Average	10	2	М	1.87	1.6	11 "
Average	10	2	М	1.56	"	£¢.	Jan. 1859	10 10	1	M M	1.75 2.00	66	44
Jan. 1854	10 10	1 1	M M	1.50 1.62	44	16	Average	10	2	м	1.871	ı,	**
Average	10	2	м	1. 56	"	**	July 1859	10 10	1	M M	1.75 2.00	"	
July 1854	10 10	1	M M	1. 50 1. 75	44	66	Average	10	2	M	1.871	"	44
Average	10	2	м	1. 62½	41	4.6	Jan. 1860	10 10	1	M	1.75 2.00	.4	64 61
Jan. 1855	10 10	1	M M	1,50 1,75	16	44	Average	10	÷, 2	M	1.87	**	**
Average	10	2	М	$1.62\frac{1}{2}$	46	"	July 1860	10 10	1 1	M M	1.75 2.00	44	44
July 1855	10 10	1	M	1.50 1.75	£ £	66	Average	10	2	М	1.87	4 4	
Average	10	2	М	1.621	44	"	Jan. 1861	10 10	1	M M	1.75 2.00	64	
Jan. 1856	10 10	1 1	M M	1.50 1.75	"	44	Average		2	м	1.87	**	44
Average	10	2	м	1. 62½	41	44	July 1861	10 10	1 1	M M	1.75	"	46
July 1856	10 10	1 1	M M	1.50 1.75	66	66 66	Average		2	M	1,87	64	14
Average	10	1 3	M	1.75		11	Jan. 1862	10 10	, 1	M	1.75 2.00	6 6 6 6	44
Jan. 1857	10	1	м	1.50		"	Average	10	2	M	1.87		44
	10 10	1	M	1.75 2.00	14	66	July 1862	10 10	1 1	M M	1.75 2.00	64 66	66
Average	10	3	М	1.75	6.6	66	Average	10	2	м	1.87	44	4.6
July 1857	10 10 10	1 1 1	M M M	1.50 1.75 2.00	44	66 66	Jan. 1863	10 10	1 1	M M	1, 75 2, 00	4.4 6.6	16
Average	10	3	M	1. 75	**	**	Average	10	2	М	1.87		41

DIETALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNEC ICUT—Continued.

PATTERNMAKERS-Continued.

				,				,	,				
Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of	wages.	l'ayroli of—	Hours per day.		Sex.	Rate	of w	Fages
July 1863	10 10	1	M	2.00	**	day.	July 1870	10 10 10	1 1 1	M	9 2, 75 3, 66 4, 60	per	day,
Average	10	2	M	1.871	66	46	Average	10	3	м	3.25	**	4
Jan. 1864	10 10	1	M M	1. 92 2. 164	66	44 46	Jan. 1871	10 10	1	M	2.50 3.25	44 44	# #
Average	10	2	М	2.04	66	66	Average	10	3	M	4.00		*
July 1864	10 10	1 1	M	2. 10 2. 414	66 66	44	July 1871	10 10	2	M	3. 25 2. 75	**	"
Average	10	2	M	2. 254	66	86	A		2	M	3.50	#	
Jan. 1866	10 10	1	M M	2.50 2.75	44	64 64	Average Jan. 1872	10			3.00	#	
Average		2	M	2. 624	44	**	63H. 1812	10 10	. 1 2	M	3. 99 3. 25 3. 50	66 64	# #
July 1865	10 10	1	M	2.50 2.75	66	\$6 84	Average	10	4	М	3.314	**,	"
Average		2	M	2. 624	54	44	July 1872	10 10 10	I 2 1	M M M	2.25 3.50 4.00	64 64 64	# #
Jan. 1866	10 10	1 2	M	2, 50 2, 75	66 66	66	Average	10	4	м	3, 564	#	44
Average	10	, 3	M	2. 664	**	. /	Jan. 1873	10 10	1 2	M M	3.25 3.34	4	# #
July 1866	10 10	1	M	2.00 2.75	64 66	#	Average	10	3	м	3.414		**
	10	1	M	3.25	54	64	July 1973	10	1	M	3. 25	86	#
Average		3	M	2.663	46	66		10 10	1 1	M	3. 30 3. 75	44 66	#
Jan. 1867	10 10	1	M	2.75 3.25	66	44	Average	10	3	M	3.50	**	44
Average	10	2	M	3.60	44	84	Jan. 1874	10 10	1	M	3. 25 3. 50	4	44
July 1867	10 10	1 2	M	2.75 3.25	44	66 66		10	1	M	3.75	**	#
Average	10	3	M	3.081	66	66	Average		3	M	3. 50	66	
Jan. 1868	10 10	1 2	M	2.75 3.25	64	44 44	July 1874	10 10	. 2	M	3. 25 3. 75	4	4
Average	10	3	M	3.984	66	66	Average	10	3	M	3. 414	54	**
July 1868	10 10	1	М	2.75 3.25	64 56	64 66	Jan. 1875	10 19	1	M	3.25 2.75	44	4
	10	Î	¥	3.50	46	46	Average	10	2	M	3,50	**	•
Average	10	3	M	2. 16 <u>}</u>	94	66	July 1875	16 10	1 2		2.25	**	84 64
Jan. 1869	30 10	1	M	2, 75 3, 25	66	64 64		10	1	Ж	2.54 2.75 3.25	56 54	54 44
	10	i	M	2.50	66	64		10	i	M	1.37		*
Average	19	3	M	2. 161	86	#	Average	10	7	M	2.73	*	"44
July 1860	16 16	1	M	2.75 2.00	64 66	66 66	Jan. 1876	10 10	2	M	2.50 2.75	44 86	*
	10	1 1	M	4. 00	64	**		10	1 1 1	M M	3. 25 3. 374	66	**
Average	10	3	M	3. 25	86	66	Average	10	5	M	2.874		# 1.
Jan. 1976	10 10 10	1	M	2.75 3.50 4.60	#4 #4	**	July 1876	10	1	M	3.00	25 44	# .
Average		1	M		4	4		16	1	M	2.16		_
Average	TA	3	M	2.413	**	••	Average	10	2	M	3.65		-

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTIOUT—Continued.

PATTERNMAKERS-Continued.

Payroll of	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1877	10 10	1	M M	\$3, 00 3, 10	per é	lay.	July 1884	10 10	1 1	M M	\$2.50 2.70	per	day.
Averago	10	2	M	8, 05	4.6	44	Average	10	2	M	2. 60	4.4	4.4
July 1877	10 10	1 1	M M	2, 70 2, 75		4.6	Jan. 1885	10 10; 10;	1 1	M M M	2, 25 2, 50 2, 70	16	66 66
Average	10	2	M	2.725		44	Average		3	M	2. 481	6.6	44
Jan. 1878	10 10	1	M M	2.70 2.75	11		July 1885	10	, 1	M	2,25	66	
_ Average	10	2	M	2.723	4.4	**		10	1 1	M	2. 50 2. 70	6.6	4.6
July 1878	10 10	1 1	M M	2, 70 2, 75	11	44	Average	10	6	M	2.75 2.613	64	**
Average	10	2	M	2, 725	61	44	T 1000	10		Nr.	1 0 00	11	4.6
J an. 1879	10	1	M	2.70	11	44	Jan. 1886	10.	1	M	2, 60		44
July 1879	10	1 1 1	M M M	2, 00 2, 25 2, 70	66 66	14	Average		1	М	2. 671		**
	10	ļ	·		. 4	1.6	July 1886	10 10	1 1	M	2.331 2.50	6.6	44
Average		3	M	2. 311	44	11		10 10	1 1	M	2.70 3.00	44	14
Jan. 1880	10	1	M	2. 25 2. 70	44		Average		4	М	2. 631	11	į i
Average	10	2	M	2.47	**		Jan. 1887	10.	1	M	2. 331	14	66
July 1880	10	1 1	M	2, 25 2, 70		44		10	1	M	2 50° 2,70	11	44
Average	10	2	M	2. 47	**	16	Average	10	1	$\frac{M}{M}$	3.00 2.63§		16
Jan. 1881	10 10	1 1	M	2, 25 2, 70	46	6 6 6 6			ì	M	2.50	"	44
Average		2	M	2. 47	14	64	July 1887	10 10 10	1 1	M M	3, 00	44	4.6
July 1881	10	1	M	2. 25	11		Average		3	M	2. 733	2.6	
	10 10	1 1	M	2, 50 2, 70	66							44	44
Average	10	3	М	2, 481	6.6	**	Jan. 1888	10 10 10	1 1 1	M M M	2.50 2.70 3.00	44	14
Jan. 1882	10 10	1 1	M	2,50 2,70	44	41	Average	10	3	М	2.73		44
Average	10	2	М	2. 60	**	44	July 1888	10,		Ä	2.50		41
July 1882	10	1	M M	2, 50 2, 70	66	44		10	-	M	2.70 3.00		4.6
Average	10	2	М	2.60	11	64	Average	10	1	М	2.80	14	LL
Jan. 1883	10 10	1	M M	2.50 2.70	16	11	Jan. 1889	10 10 10	1 1 2	M M M	2, 50 2, 70 3, 00	64 64	6 E 6 E
Average	10	2	M	2, 60		41			-\	M	2.80		44
July 1883	10 10	1 1	M	2, 50 2, 70	11		July 1889		1	M	2.50	4.6	
Average	10	2	М	2.60	14	¢ t		10	1	M M	2.70 3.50	4.6	44
Jan. 1884	10 10	1	M	2, 25 2, 50 2, 70	11	44	Averag	. 10	3	М	2, 90	- "	44
Average	10	1 3	M	2, 481		14	Jan 1890	10 10				44	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 56, CONNECTIONT—Concluded.

PATTERNMAKERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	vages.	Payroll of—	Hours per day.	Different employés,	Sex.	Rate	of w	ges.
Jan. 1890- cone'd.	10 10	1 1	M M	\$3.10 3.50	per	day.	Jan. 1891	10 10	2 1	M M	\$2. 75 3. 50	per d	lay.
Average	10	4	M	2.961	44		Average	10	3	М	3.00		"
July 1890	10 10	1 1	M M	2.75 3.50	64 64	**	July 1891	10 10 10	1 1 1	M M M	2.75 3.00 3.50	44	11
Average	10	2	M	$3.12\frac{1}{2}$	44	44	Average	10	3	M	3.081	66	"

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARYLAND.

BLACKSMITHS.

July 1855	10 10	5 1	M M	1.50 1.67	per	day.	Jan. 1861	10 10	2 1	M M	1.50 1.67	per	day.
Average	10	6	M.	1.53	44	44	Average	10	3	M	1.551	6.6	44
Jan. 1856	$\frac{10}{10}$	4 1	M M	1.50 1.67	44	"	July 1861	10	2	М	1.50	44	"
Average	10	5	М	1. 531	"	4.0	Jan. 1862	10 10	1 8	M M	1.42 1.50	44	46
July 1856	10 10	5 2	M M	1.50 1.67	66 66	44	Average	10	4	M	1.48	64	44
Average	10	7	М	1.55		**	July 1862	10 10	1 2	M M	1.42	16	44
Jan. 1857	10 10	5 3	M	1.50 1.67	46	44	Average	10	4	M	1. 48	44	4.6
Average	10	8	M	1.561	44	61	Jan. 1863	10	3	М	1.58	"	11
July 1857	10	4	м	1.50	4.4	66	Jan. 1863	10	3	M	1.831	**	11
-	10	2	_M	1. 67		44	Average	10	6	M	1.701	44	44
Average	10	6	M	1.551		**	July 1863	10	2	M	1.75		46
Jan. 1858	10 10	3 2	M M	1.50 1.67	44	44		10 10	2 3 1	M M	1.83 2.00	64	11
Average	10	5	M	1.57	44	44	Average	10	6	М	1. 83	11	16
July 1858	10 10	1 1	M M	1.50 1.67	44	64	Jan. 1864	10 10	5 1	M M	2. 00 2. 25	46	4 E
Average	10	2	м	1.581	44	46		10	î	M	2.50	(4	4.6
Jan. 1859	10 10	3	M M	1.50 1.67	44	66	Average	10	7	M	2. 101	"	46
Average	10	ű	м	1.581	44	66	July 1864	10 10	3	M	2. 25 2. 50	44	64
July 1859	10	3	м	1.50	**	66		10	2	M	3, 50	64	44
	10	3	M	1. 67	66	66	Average	10	8	M	2.651	4.4	4.6
Average	10	6	M	1.581	"•	**	Jan. 1865	10 10	1 3	M M	2. 25 2. 50	44	66
Jan. 1860	$\frac{10}{10}$	5 3	M	1.50 1.67	44	44		10 10	2	M M	2.75 4.00	"	16
Average	10	8	М	1.561	11	**	Average	10	7	М	2.75	14	66
July 1860	10 10 10	4 3 1	M M M	1.50 1.67 1.83 1	64 64	66 66 46	July 1865	10 10 10	3 2 1	M M M	2. 25 2. 75 4. 00	66 66	64 61
Average	10	8		1.60	16	**	Average		6	λí	2. 71	44	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARY-LAND--Continued.

BLACKSMITHS-Continued.

Payroll of-	per day.	Different employés.	Sex.	Rate	of	wages.	Payroll	Troin 1	Different	Sex.	Kate	of t	W 0 000
- 1000	7.0						of	per day.	employés.	ine a.	1		wages.
Jan. 1866	10 10 10	2 3 1	M M M	\$2, 50 2, 75 4, 00	per	day.	Jan. 1873	10 10	1 3	M M	\$2.50 2.75	per	day.
1 o cro	'	6	M	2.871	4.6	61	Average	10	4	M	2. 681	4.6	4.6
Average	10	. 1	М	2.50	44	64	July 1873	10 10	1 3	M M	2.50 2.75	16	11
July 1866	10 10	3	M M	2.75 4.00	66	66	$ A_{\text{verage}} $	10	4	M	2. 683	* 1	16
Average	<u>'</u>	8	M	2. 78	46	44	Jan. 1874	10	1	М	2.50	44	**
Jan. 1867	10	4	М	2.50	44	44	0 411. 1013	.10	3	M	2.75	44	44
D all. 1001	10	3	M	2.75	6.6	44	Average	10	4	M	2.681	46	**
Average	10	7	М	2. 601	4.6	46	July 1874	10 10	1 3	M	$\begin{array}{c c} 2.50 \\ 2.75 \end{array}$	44	44
July 1867	10 10	4 3	М	$\begin{bmatrix} 2.50 \\ 2.75 \end{bmatrix}$	6.6	44	Average		4	M	2.681	4.4	44
A verage	10	7	М	2.601	6.4	64	Jan. 1875	10 10	1 2	M	2. 25 2. 50	44	46
Jan. 1868	.10	2 2	M M	2.50 2.75	66	16 66	Average	10	3	M	2. 411	44	
Average	10	4	M	2.621	**	46	July 1875	10 10	1 2	M M	2. 25 2. 50	44	66
July 1868	10 10	3 2	М	$\begin{bmatrix} 2.50 \\ 2.75 \end{bmatrix}$	66	4.6	Average	10	3	М	2.4112	11	41
Average		5	M	2. 60	14	44	Jan. 1876	10 10	1 2	M	2. 25 2. 50	14	44
Jan . 1869	10 10	2 2	M	$\begin{array}{c c} 2.50 \\ 2.75 \end{array}$	4.6	66	 Average		3	М	2.41	14	44
Average	10	4	М	2. 621	6.6	46	July 1876	10 10	1 2	M M	2. 00 2. 25	66	44 66
July 1869	10	4 2	M M	2.50 2.75	£ 6	44	Average		3	M	2. 161	14	44
Average		6	М	2.58	4.4	11	Jan. 1877	10 10	1 2	M M	2, 00 2, 25	44	66
Jan. 1870	10 10	4 2	M	2. 50 2. 75	4.4 4.5	44	Average		3	М	2. 161	**	**
Average		6	М	2.58	4.4	44	July 1877	10 10	1 2	М	2.00 2.25	44	44
J uly 1870	10 10	1 3	M M	2. 25 2. 50	44	44	Average		3	М	2. 163		44
	10	2	М	2.75	**	44	Jan. 1878	10 10	1 1	M	2.00 2.25	11	"
Average	1	6	M	2.54	44	45	Average		- 2	M	2. 12		44
Jan. 1871	10 10 10	$\begin{smallmatrix}1\\2\\1\end{smallmatrix}$	M M M	2. 50 2. 75	11	44	July 1878	10	1	М	2.00	66	44
Average	-	4	M	2.50	44	44		10	1	M	2. 25		
July 1871	10	3	M	2. 50	66	44	Jan. 1879	10	2 2	M	2, 122	44	4.6
Average	10	1 4	М	2.75 2.56a		44	Jan. 2010	10	1	M	2. 25		44
Jan. 1872	10	5	M	2.50		41	Average		3	M	2.08 1 2.00	61	11
	10	1	М	2.75			July 1879	10 10	2	M	2. 25		44
Average		6	М	2, 54	44	46	Average	10	3	M	2.08		46
July 1872	10 10 10	1 1 3	M M M	2, 25 2, 50 2, 75	66	"	Jan. 1880	10 10	2	M M	2. 00 2. 25	46	66
Average			M	2.60	44	4.4	Average	10	· s	M	2.08	1 44	44
	1750	9, pt. 2		-67									

MIETALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARY. LAND—Continued.

BLACKSMITHS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
July 1880	10 10	3 2	M M	\$2.17 1 2.25	per d	lay.	Jan. 1886	10 10	3	M M	\$2, 25 2, 50	Per	day.
Average	10	5	М	2. 20	**	6.6	Average	10	6	M	2.37	44	44
Jan. 1881	10 10	2 1	M M	2. 25 2. 50	44	16	July 1886	10 10	3 3	M M	2. 25 2. 50	11	**
Average	10	3	M	2. 331	6.6	4.6	Average	10	6	M	2.371	11	"
July 1881	10 10	2 1	M M	2, 25 2, 50	**	14	Jan. 1887	10	3 2	M	2. 25	"	44
Average	10	3	М	2. 331	4 4	44	Average		5	M.	2.35	**	"
J an. 1882	10 10	3 1	M M	2. 25 2. 50	"	11	July 1887	10	3	<u>м</u> —	2. 25 2. 50	**	"
Average		4	М	2.31		4.6	Average	10 10	7	M	2.35 ₂ 2.25		14,
July 1882	10	2	м	2. 25	68	46	Jan. 1888	10	2 3	M	2. 50	46	44
b my 1602	10	2	M	2. 50	41	44	Average	, 10	5	М	2.40	46	44
Average	10	4	М	2.371	4.1	14	July 1888	10 ,10	2 3	M M	2.25 2.50	**	44
Jan. 1883	10 10	$\frac{2}{2}$	M	2. 25 2. 50	**	41	Average	10	5	M	2.40	46	"
Average	10	4	M	2. 37½	6.6	**	Jan. 1889	10 10	2 2	M M	2. 25 2. 50	£1	44
J uly 1883	10 10	2 2	M M	2. 25 2. 50	66	41	Average	. 10	4	м	2.37	16	11
Average		4	M	2. 371	**	41	July 1889	10 10	2 2	M M	2. 25 2. 50	46	66 66
Jan. 1884	10	2	М	2. 25	**	44	Average	10	4	M	2. 371	4	44
	- 10 10	1	M M	2.50 3.00	46	**	Jan. 1890	10 10	2 2	M M	2. 25 2. 50	46	44
Average	10_	4	М	2.50	**	4.6	Average	10	4	M	2.371	44	46
J uly 1884	10 10 10	3 1 1	M M M	2. 25 2. 50 3. 00	44 46	64 64	July 1890	10 10	2 2	M M	2, 25 2, 50	44	44 84
Average	10	5		2.45	64	4.6	Average	10	4	м	2. 37	44	46
Jan. 1885	10 10	3 2	M M	2. 25 2. 50	**	1 6 6	Jan. 1891	10 10	2 2	M	2. 25 2. 50	**	16
Average	10	5	М	2. 35	4.6	6.6	Average	10	4	М	2. 371		44
July 1885	10 10	3	M	2. 25 2. 50	46	46	July 1891	10 10	2 2	M M	2.25 2.50	"	**
Average	10	6	M	2. 371	6.6	44	Average	10	4	М	2. 37		14

BLACKSMITHS' HELPERS.

July 1855 Jan. 1856 July 1856 Jan. 1857 July 1857	10 10 10 10	6 6 5	M M M M	1.00 1.00	per day.	Jan. 1860 July 1860 Jan. 1861	10 10 10	8 10- 3	M M M	1.00	er day.
Jan. 1858 July 1858 Jan. 1859	10 10 10	6 6 2 6	M M M M	1.00 1.00 1.00	64 66 64 66	July 1861	. 10 . 10	1 5	M M	. 70	14 11 11 44
July 1859	10	6	M	1.00	66 66	A.verage	10	6	M	.96	11 11

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARY-LAND—Continued.

BLACKSMITHS' HELPERS-Continued.

										-			
Payroll of-	Hours per day.	Different employés.	Sex.	Rate	ofv	vages.	Payroll of-	Hones per day.	Different employés.	Sex,	Rate	of v	wages.
Jan. 1862	10 10	2 3	M M	\$0, 92 1, 00	per	day.	July 1870	10 10	4	M M	\$1.67 1.90	per	day.
Average	10	5	М	. 97	14	**	Average	10	5	М	1.711	4.6	44
J uly 1862	10 10 10	1 6 1	M M M	.83 .92 1.00	6 6 6 6	£ £ £ £ £ £ £	Jan. 1871	10 10 10.	. 2 1 1	M M M	1. 67 1. 83 1, 90	44 44	6 6 6 6
Average	10	. 8	M	. 92	.,	u	Average	10	4	М	1.761	**	44
Jan. 1863 July 1863	10 10	6 6	М	1.00 1.25	66	"	July 1871	10 10 10	3 1 1	M M M	1.67 1.83 2.00	44 44	64 64 64
Jan. 1864	10 10	6 4	M M	1. 25 1. 50	66	"	Average	10	5	M.\	1.77		" ,
Average	10	10	М	1.35	64	**	Jan. 1872	10: 10	4 2	M M	1. 67 1. 83	66	44
J uly 1864	10 10	5, 8	M M	1.42 1.50	66	**	Average	10:	6	M	1.721	4.6	44
Average	10	13	М	1.47	44	6.6	July 1872	10 10	8 1	M M	1.67 1.83	44	44 1
Jan. 1865	10 10	6 7	M M	1.50 1.67	66	44	Average	10	4	.М.	1.71	**	**
Average	10	13	M	1. 59	44	"	Jan. 1873	10 10	3 1	M M	1.67 1.83	44	46
J uly 1865	10 10	3 5	M M	1.60 1.67	66	"	Average	10	4	М	1.71	44	44
. Average	10	8	M	1.641	14	4.6	July 1873	10 10	. 3 1	M M	1.67 1.83	44	41
Jan. 1866	10 10	5 3	M	1. 67 1. 83	44	44	Average	10	4		1.71	64	44
Average	10	В	M	1. 73			Jan. 1874	10 10	3 1	M M	1.67 1.83	44	44
July 1866	10 10	5 2	M	1. 67 1. 83	41	64	Average	10	4		1.71	66	44
: Average	10	7	м	1.713	**	44	July 1874	10,	3	M M	1. 67 1. 83	44	44
Jan. 1867	10 10	5 2	M M	1.67 2.00	44	,14 ,14	Average	10.	4	м	1.71	44	44
Average	10	7	M	1.76	16	4.6	Jan. 1875	10 10,	3 1	M M	1.50 1.75	44	44
July 1867	10 10	5 1	M M	1.67 2.00	66	44	Average	10	4	M	1, 561	44	44
Average	10	6	М	1. 721	"	44	July 1875	10. 10	3 1	M M	1.50 1.75	46	44
Jan. 1868	10 10	4 1	M	1.67 2.00	44	. 44	Average	10	. 4	М	1, 561	44	66
Average	10	5	м	1.731	11	44	Jan. 1876	10	3 2	M M	1.50	44	44
July 1868	10	5	М	1.67	**	44	July 1876 Jan. 1877 July 1877	10 10 10	2 2	M M	1.50 1.50 1.50	44	44
Jan. 1869	10 10	4 2	M M	1. 67 2. 00	44	14	Jan. 1878 July 1878	10 10	2 2	M	1, 50 1, 50	44	4 E
Average	10	6	М	1.78		"	Jan. 1879 July 1879	10 10 10	3 3 3	M M M	1.50 1.50 1.50	66	66
J uly 1869	10 10	4 2	M M	1.67 2.00	46	44	Jan. 1880 July 1880	10 10 10	1 1	M M	1.50 1.62	44	66
Average	10	6	м	1.78	44	44	Average	10	2	м	1.56	64	6.6
Jan. 1870	10 10	4 2	M M	1.67 2.00	46	61 64	Jan. 1881 July 1881	10 10	1	M M M	1.50 1.50 1.50	44	66 65 66
Average	10	6	М	1.78	41	14	Jan. 1882 July 1882	10 10;	1 2	M	1.50	44	44

NIETALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARYLAND—Continued.

BLACKSMITHS' HELPERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of v	wages.
Jan. 1883 July 1883 Jan. 1884	10 10 10	2 2 2	M M M	\$1.50 1.50 1.50	per	day.	Jan. 1889	10 10	4	M M	\$1. 33 1. 67	per	day.
July 1884 Jan. 1885	10	2	M	1. 25 1. 25	66	44	Average	10	5	M	1.40	44	44
July 1885 Jan. 1886	10 10 10	2 2 2 2 2	M M M M	1. 25 1. 25 1. 25 1. 25	44	6 6 6 5	July 1889	10 10	4 1	M M	1.33 1.67	"	46
July 1886 Jan. 1887	10	4	M	1. 23	44	**	Average	10	5	М	1.40	- "	"
	10	1	М	1. 67	66	4.6	Jan. 1890	10 10	4 1	M	1.33 1.67	7 () ()	11
Average	10	5	М	1.40	44	**	Average	10	5	<u></u>	1.40	44	u
July 1887	10 10	1	M M	1. 33 1. 67	44	44	July 1890	10 10	4	M M	1.33 1.67	66	11 41
\mathbf{A} verage	10	5	М	1.40	44	14	Average		5	M	1. 40	16	44
Jan. 1888	· 10	4 1	M M	1. 33 1. 67	11	"	Jan. 1891	10 10	4 1	M M	1. 33 1. 67	"	66 66
Average	10	5	М	1.40	4.6	44	Average	10	5	M	1.40	44	41
July 1888	10 10	4 1	M M	1.33 1.67	44	44	July 1891	10 10	4	M M	1. 33 1. 67	41	44
Average	10	5	М	1.40	44	66	Average	10	5	M	1.40	**	"

BOILERMAKERS

						BOIL	ERMAKEŖS.						
July 1855	10 10 10	2 1 1	M M M	1.50 1.67 2.50	pe:	r day.	July 1859	10 10	1 1	M	1.83 2.50	-14	day.
Average	10	4	л	1.791	"	44	Average	ĺ	2	М	2. 161	**	44
Jan. 1856	10	2	M	1.50	. 66	16	Jan. 1860	10	1 1	M M	1.67 2.50	44	11
	10 10	1 1	M	1. 67 2. 50	**	**	Average	10	2	M	2.08	46	44
Average	10	4	M	1.791	44	**	July 1860	10 10	2	M M	1.50 1.67	. 44 46	5 E
July 1856	10 10	4 2	M M	1.50 1.67	64	66		10	1	М	2. 50	44	44
	10	1	M	2.50			Average	- 10	4	М	1.791	16	46
Average	10	7	м	1.69	44	44	Jan. 1861 July 1861	10 10	1	M M	2.50 1.50	66	14
Jan. 1857	10 10	1	M M M	1. 50	46	46 61	Jan. 1862	10 10	1	M M	1.67 2.00	46	44
Average	10	3	M	2.50		46	Average	10	2	M	1.831		44
July 1857	10	2	M	1, 50	44	4 6	July 1862	10	1	м	1. 67	66	44
	10 10	1 1	M M	1.83 2.50	66	6.6		10	1	_M_	2. 25	66	44
Average	10	4	M	1.834	••	**	Average	10	2	М	1.96	"	44
Jan. 1858	10 10	1	M	1.83 2.50	66	44	Jan. 1863	10 1 0	2 2	M M	1.67 1.75	16 16	44 46 18
Average	10	2	M	2. 161	• 4	44	Average	10	6	M M	2.00 1.80k	"	"
July 1858	10	1	M	2. 50	16	**					_		46
Jan. 1859	10 10	1	M M	$\frac{1.50}{2.50}$	11	66 61	July 1863	10 10 10	3 2 3	M M M	1.83 1.92 2.00	44	64
Average	10	2	M	2.00	44	44	Average	10	8	М	1.91	44	64

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARY-LAND—Continued.

BOILERMAKERS-Continued.

Payroll of-	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1864	10 10 10	4 6 3	M M M	\$2.00 per day, 2.25 " " 2.50 " "	July 1870	10 10	. 7 1	M M	\$2, 25 3, 33		day.
Average	10	13	<u>M</u>	2. 23 " "	Average	10	. 8	M	2.381	4.6	44
July 1864	10	4	M.	2.00 " "	Jan. 1871	10 10	6	M M	2. 25 3. 33	6.6	44
	10 10	3	M M	2. 25 " " " " " " " " " " " " " " " " " "	Average	10	7	M	2.401	4.6	44
Average	10	8	М	2. 22 " "	July 1871	10	6	М	2. 25	46	64
Jan. 1865	10 1 10	12 2-	M M	2.75 " " " 3.00 " "		10	. 1	M	2.50 3.33	6.6	44
	10	1	M	3.50 " "	Average	t t	: 8	M	2.411	"	**
Average	ļ	15	М	2.831 " "	Jan. 1872	10	6	M	2, 25 2, 50	44	66
July 1865	10 10	5	M	2.50 " " " 2.75 " "		10 10	1	M	3.00	44	44
	10 10	1 2	M M	3.33 " " "	Average	10	9	M	2.48	"	44
Average	10	11	М	2.87 """	July 1872	10	5	М	2. 25	44	16
Jan. 1866	10	4	М	2.67 " "		10 10	. 1	M	3. 33	44	
	10	5	M	3. 33 44 44	Average	10	7	M	2.51	**	44
Average	10	12	M	2.891	Jan. 1873	10 10	1	M M	3.00 3.33	46	44
July 1866	10	3	м	2. 25 " "	Average	10	2	M	3.163	64	64
	10 10	-3 1	M	2 50 44 44	July 1873	10 10	1	M	3.00	44	44
Average	10	7	M	2.51 ""	Average		. 3	м	3. 161	4.4	44
Jan. 1867	10 10	4	M M	2.50 " " "	Jan. 1874	10	1	M	3.00	**	44
**	10	1	M	3.33 '' ''		10	1	M	3. 33	46	41
Average	ì	6	M	2.12	Average	İ	2	M	3, 161	44	44
July 186 <u>7</u>	10 10 10	1 1	M M M	2.50 " " 3.00 " " 3.33 " "	July 1874	10 10	1 1	M	3.00	66	4.6
Average		3		2.941 " "	Average	10	2	M	3. 16	44	**
Jan. 1868	10	2	м	2.50 ** **	Jan. 1875	10 10	1	M	2. 25 3. 50	66	66
	10 10	2	M	3. 33 " "	Average	10	3	М	2. 661	44	44
Average	10	5	M	2.861 " "	July 1875	10 10	2	M M	2. 25 3. 50	6.6	44 44
July 1868	10 10	4	M M	3.00 " "	Average		3		2.661	66	44
	10	í	M	3.33 11 11	Jan. 1876	10	1	M	2. 25 3. 50	44	44
Average	10	. 6	М	2.72 " "		10	1	M			44
Jan. 1869	10 10	3	M	2.25 " "	July 1876	10	2	M	$2.87\frac{1}{2}$ 2.25	14	6.6
•	10	- 1	ΣĬ	3.33 " "		10	1	М	3.50	"	44
Average		5	M	2.611 " "	Average		2 2	M	$2.87\frac{1}{2}$	46	46
July 1869	10 10	3 1	M	2. 25 " " "	Jan. 1877	10 10	1	M	3, 00	66	44
Average	10	4	M	2.52 ""	Average	3 10	3	M	2.331	44	44
Jan. 1870	10 10	10 1	M M	3.33 " "	July 1877	10 10	2	M	2.00 3,00	"	66
Average	10	-	M	2.35 " "	Average	10	3	M	2.33	- 14	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARY-LAND—Continued.

BOILERMAKERS-Continued.

Downell .	Hours	Different	1						Hours	D'e (1			
Payroli of—	per day.	employés.	Sex.	Rate	of	wage	8.	Payroll of—	per day.	Different employés.	Sex.	Rat	e of	wages.
Jan. 1878	10 10	, 2 1	M M	\$2, 00 3, 00	pe	r day		Jan. 1885	10 10 10	I 1 1	M M M	\$2.50 2.75 3.50	per	day.
Average	10	3	M.	2. 331	61			Average	10	3	м	2. 91		44
July 1878	10 10	2 1	M	2.00 3.00	61			July 1885	10	1	м	2, 50	46	44
Average	10	3	M	$2.33\frac{1}{2}$	41	66			10 10	1	M M	2.75 3.50	44	44
Jan. 1879	10 10	2 1	M M	2.00 3.00	44	46		Average	10	3	М	2.91	66	**
Average	10	3	M	2, 331		44		Jan. 1886	10	1	М	2.50	46	66
July 1879	10 10	2 1	M M	2.00 3.00					10	1	M	2.75 3.50	44	66
Average	10	3	M	2.33	6 6	44		Average	10	3	М	2. 911	44	66
Jan. 1880	10 10	3 1	M M	2.00 3.00	**	44		July 1886	10 10 10	1 1 1	M M M	2.50 2.75 3.50	46	44 44
Average	10	. 4	м	2, 25	66			Average	10	3	М	2.911	66	46
July 1880	10 10	2 1	M M	2. 25 3. 50	66	66		Jan. 1887	10 10 10	1 I 1	M/ M M	2.50 2.75 3.50	64 64	66 66
Average	10	• 3	М	2.66 1	"	44			10		M	2.91	66	**
Jan. 1881	10 10	2 1	M M	2, 50 3, 50	11	44		July 1887	10 10 10	3 I	M M	2.50 2.75	16	44
Average	10	3	M	2.831	44	4.4			10	1	M	3. 50	44	66
July 1881	10 10	2 1	M M	2.50 3.50	66	£ 6		Average	10	3	м	2. 91	46	46
Average	10	3	м	2.831		41		Jan. 1888	10 10 10	1	M M M	2. 25 2. 75 3. 50	66 66 66	44
Jan. 1882	10 10	2	M M	2.50 3.50	66	46		Average	10	3	M	2.831	**	16
Average	10	3		2.831	61	44		July 1888	10	1	м	2, 25	ш	64
July 1882	10 10	1	M M	2.50 2.75	44	44		July 1000	10 10	1 1	M M	2.75 3.50	44	44
	10	1	M	3.50	4.6	**		Average	10	3	M	2.83½	44	44
Average Jan. 1883	10	3	M M	2, 91½	66	44		Jan. 1889	10 10	1	M	2. 25 2. 75	66 66	66 66
Jan. 1000	10 10	1 1	MM	2.50 2.75 3.50	11	44			10	3	M	3.50 2.831	64	66
Average	10	9	м	2. 91	4.0	**		Average July 1889	10	1	м	2, 25	44	64
July 1883	10 10	1	M M	2.50 2.75	44	44		oury reco	10 10	î 1	M M	2.75 3.50	66	44
	10	1	M	3. 50	44	44		Average	10	3	M	2.831	44	66
Average	10	3	M	2. 911	4.6	66		Jan. 1890	10	1	M	2. 25	44	68 66
Jan, 1984	10 10 10	1 1 1	M M M	2.50 2.75 3.50	64 66	66 66			10 10 10	1 1	M M M	2.50 2.75 3.50	46 46	66 86
Average	10	3	м	2.91		46	l	Average	10	4	м	2.75	41	66
July 1884	10 10	1 1	M M	2.50 2.75	46	44		July 1890	10 10 10	1 1 1	M M M	2. 25 2. 50 3. 00	44	66 64 64
-	10	1	М	3, 50	44	**		<u> </u>	10	1	M	3, 50	44	44
Average	10	3 1	M	2.91½	66	"	I	Average	10	4	M	2,811	44	14 -

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TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARY-LAND—Continued.

BOILERMAKERS-Concluded.

				BOI	LLE.	RMAKE	RS-Conclu	ded.					
Payroli of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jap. 1891	10 10 10 10	1 1 1 1	M M M M	\$2, 25 2, 50 3, 00 3, 50	per "	day.	July 1891	10 10 10 10	1 1 1 1	M M M M	\$2. 25 2. 50 3. 00 3. 50	per	day.
Average	10	4	M	2.811	11	44	Average	10	4	м	2.811	**	44
						LABO	RERS.	1					
July 1855	10	4 5	M	1.00	per	day.	July 1870	10	3 6	м	1.50	per	day.
Jan. 1856 July 1856 Jan. 1857	10 10 10	6.7	M M M	1.00 1.00 1.00	64	"	Average	10	9	М М	1. 60 1. 56k	44	
July 1857 Jan. 1858	10 10 10	8 6 5	M M M	1.00 1.00 1.00	44	66 66	Jan. 1871	10 10	3 5	M	1, 50 1, 60	44	44
July 1858 Jan, 1859 July 1859	10 10	4	M	1.00	66	66	Average		8,	M	1. 56½	**	**
Jan. 1860 July 1860 Jan. 1861	10 10 10	4 4	M M M	. 92 . 92 . 92	44	64 64	July 1871	10 10	6	M M	1.50 1.60	44	44
July 1861 Jan. 1862	10 10	5 <u>4</u> 4	M	. 75 . 75 . 83	66 66 86	66 68	Average	10	10	M	1.54	44	**
July 1862 Jan. 1863 July 1863	10 10 10	8 8	M M M	1.00	66	44	Jan. 1872	10 10	5 4	M M	1.50 1.60	44	44
Jan. 1864	10 10	4 6	M	1. 20 1. 25	44	44	A verage	10	9	м	1, 541	44	**
Average		10	M	1. 23	44	44	July 1872	10 10	10 4	M M	1.50 1.60	66	"
July 1864	10 10	3 5	MM	1.33 1.50	44	4.6 6.6	Average	10	14	М	1.53	64	**
Average		8	M	1. 431	44		Jan. 1873	10 10	5 4	M M	1.50 1.60	66	44
Jan. 1865	10 10	, 1	M	1.35 1.50	11	44	Average	10	9	М	1.541	**	46
Average		14	M	1.49	44	44	July 1873	10 10	5 4	M M	1.50 1.60	44	44
July 1865	10 10	2 14	M M	1.50 1.60	"	66 66	Average	10	9	м	1.544	**	44 ′
A veraĝe	10	16	M	1.58	66	**	Jan. 1874	10 10	4	M	1.50 1.60	44	44
Jan. 1866	10 10	12 2	M M	1.60 1.75	46	66	Average	10	. 8	M	1.55	66	66
Average	10	14	М	1.62	6.6	**	July 1874	10 10	4	M	1.50 1.60	11	"
July 1866 Jan. 1867	10 10	12 11	M	1.60 1.60	66 66	44 - 46 44	Average	i	8	M	1.55	"	44
July 1867 Jan. 1868 July 1868	10 10 10	11 8 13	M M M	1.60 1.60 1.60	66	44	Jan. 1875 July 1875	10 10	7 7	M	1.33 1.33	44	"
Jan. 1869	10	2	м	1.50	66	44	Jan. 1876	10 10	3 6	M	1. 15 1. 33	44	4.6
Average	10	6 8	M	1.60			Average	10	9	M	1.27	44	44
July 1869	10	2	M	1.50	44	44	July 1876	10 10	9 2	M	1. 15 1. 33	44	44
Average	10	8	M	1.60	"	**	Average	1	11	М	1, 181	14	**
Jan. 1870	10	2	M.	1.50	44	44	Jan. 1877	10 10	6 2 2	M M M	1.00 1.15 1.33	46	44 44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARY. LAND—Continued.

LABORERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.	Payroll of—	Hours per day.	Different employés.		Rate	of	wages
July 1877	10 10 10	8 2 2	M M M	\$1.00 1.15 1.33	per	day.	Jan. 1885	10	3 5	M M	\$1, 20 1, 25		day.
Average	10	12	м	1.08		41	Average	10	8	.М.	1. 23	**	46
Jan. 1878	10	6	м	1.00	14"	44	July 1885	10	10 6	M	1.20 1.25	**	46
	10 10	2	M	1.15	44	44	Average	10	16	M	1. 22	46	44
Average	10	9	М	1.07	"	"	Jan. 1886	10 10	10 6	M M	1. 20 1. 25	66	**
July 1878	10 10 10	6 2 1	M M M	1.60 1.15 1.33	64 64	6.6 6.6	Average	10	16	м	1. 22	11	44
Average	10	9	м	1.07	"	66	July 1886	. 10 10	. 10 6	M	1. 20 - 1. 25	44	66
Jan. 1879	10	6 2	M M	1.00	44	44	Average	10	16	м	1. 22	4.6	"
A verage	10	8	М	1. 15	4.6	44	Jan. 1887	10 10	7 3	M M	1. 20 1. 25	66	44 11
July 1879	10	6 2	M	1,00 1,15	64	10	Average	10	12	M	1.50	**	**
Average	10	8	м	1.031	61	4.4	July 1887	10	7	м	1. 20	"	44
Jan. 1880	10 10	7	M M	1.00 1.15	11	44		10 10	3 2	M M	1. 25 1. 50	16	44
Average	10	8		1. 13	44	64	Average	10	12	М	$1.26\frac{1}{2}$	64	44
July 1880	10 10	8 2	M M	1. 12 1. 15	"	66	Jan. 1888	10 10 10	8 4 2	M M M	1. 20 1. 25 1. 50	66 66	66 64
A verage	10	10	м	1. 121	44	"	Average	10	14	M	1. 251	**	
Jan. 1881	10 10	4 8	M M	1. 20 1. 25	64 66	64 64	July 1888	· 10	7 8	M M	1. 20 1. 25	44	44
Average	10	12	М	$1.23\frac{1}{2}$	4.4	**		10	2	M·	1.50		61
July 1881	10 10	4 8	M M	1. 20 1. 25	44	**	Average Jan. 1889	10	12 6	М	1. 26½ 1. 20	•	44
Average	10	12	М	1. 231	44	**	Jan. 1005	10	3 2	M M	1. 25 1. 50	44	44
Jan. 1882	10 10	5 g	M M	1, 20 1, 25	44	"	Average	10	11	м	1.27	**	**
Average	10	13		1. 23	11	41	July 1889	10 10	6	M	1.20 1,25	44	65 46
July 1882	10	4	M	1. 20	44	44		10	2	M	1.50	44	44
	10	5	M	1. 25	"	46	Average Jan. 1890	10 10	11 6	M M	1. 27 1. 20	46	44
Average Jan. 1883	10 10 10	9 1 4 5	M M	1. 23 1. 20 1. 25	66	11	6an. 1050	10 10	3 2	M M	1. 25 1. 50	46	64 64
Average	10	9	M.	1. 23	"		Average	10	11	M	1. 27	**	44
July 1883	10 10	4 5	M	1. 20 1. 25	64	**	July 1890	10 10 10	6 3 2	M M M	1. 20 1. 25 1. 50	44 44	44 44
Average	10	9	м	1, 23	44		Average	10	11	M	1. 27.	**	44
Jan. 1884	10 10	4 5	M M	1. 20 1. 25	44	54	Jan. 1891	10 10	8 2	М	1, 20 1, 50	"	44 44
Average	10	9	М	1. 23	44	"	Average	10	10	M	1. 26	66	44
uly 1884	10 10	3 5		1. 20 1. 25	66 65	61	July 1891	10 10	8	M	1, 20 1, 50	14 11	66 66
Average	10	8	M	1. 23	44	44	Average	10	10		1, 26	44	"

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARY-LAND—Continued.

MACHINISTS.

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Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wage	s.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	υľγ	vages.
July 1855	10 10 10	5 6 3	M M M	\$1.50 1.67 1.83	per day,		July 1860- cone'd.	10 10	1 3	M M	\$1.83§ 2.00	ьё. 	day.
Average	10	14	M	1, 64%	£6 44	i	Average	10	20	М	1.643	1.6	14
Jan. 1856	10	7	м	1.50			Jan. 1861	- 10 10	4 4	M M	1.50 1.67	11	44
•	10	7	M	1.67 1.83½	44 44			10	1 1	M	1.75 1.83±	64	
Average	10	15	м	1.60				10 10	2	M	2. 00	61	**
July 1856	10	6	М	1.50	11 11		Average	10	12	М	1.69	£ €	"
•	10 10	7 3	M	1.67 1.83	11 11		July 1861	10	2	M	1.42	44	"
	10	2	M	2.00				10 10	5 1	M	1.50 2,00	11	"
Average		18	M	1. 67			Average	10	8	M	1.544		8.6
Jan. 1857	10 10	3 6	M	1.50 1.67	11 11		Jan. 1862	10	1	M	1. 25	11	14
	10	3 2	M	1, 75 1, 83 <u>1</u>				10	3 2	M	1.50 1.67	66	66
•	10	3	M	2.00				10 10	2	M	1.75 2.00	51	6.6
Average	1	17	М	1.73	14 11		Average	10	9	М	1.62	٤.	"
July 1857	10	6 5	M	1.50 1.67	11 11		July 1862	10	1	M	1. 42	4.6	"
	10 10	2	M	1,75 1,83			1	10 10	3 4	M	1, 50	41	
	10	2	M	2.00	-			10 10	2 2	M	1.75 2.00		
Average		16	M	1.67	44 44		Average	10	12	М	1. 671	* t	6.6
Jan. 1858	10 10	6 7	M	1.50 1.67	11 41		Jan. 1863	10	3	М	1.42	64	66
_	10 10	3	M	1.75 2.00	** **		1	10 10	2 7	M	1.75	64	64
Average	10	18	M	1. 67	11 11			10 10	. 7	M M	1. 92 2. 00	6.5	44
July 1858	10	3	М	1.50	14 14		Average	10	22	M	1.831	£ £	44
	10 10	2 2	M	1. 67 1. 75	66 66		July 1863	10	. 4	M	1. 67 1. 75	64	44
	10 - 10	2	M	1, 83 2, 00				10	4	M	1. 92	11	44
Average	10	10	M	1.70				10	8 1 2	M M M	2. 25 2, 50	44	66
Jan. 1859	10	6	М	1.50	44 44			10	27	M	1, 91	14	**
	10 10	5	M	1. 67 1. 75	\$4 \$4		Average		7	М	1.83		4.4
	10	2 2	M M	1.83 2.00			Jan. 1864	10 10	11	M	2. 00 2. 25	41	16
_ Average	- 10	16	M	1. 67				10 10 10	3 2 1	M	2. 50 2. 75	61	44
July 1859	10	8	М	1,50	44 44		Average	-	24	M	2. 051	44	44
-	10 10	6	M	1. 67	64 65		July 1864	10	2	M	2.00	45	41
	10 10	1	M	1.83 2.00			9 HJy 1804	10	1 7	M	2. 25	44	44
Average	10	17	М	1.62				10 10 10	9	M	2. 75 3. 00	44	64
Jan. 1860	10	7 6	MM	1.50 1.67	41 41		Average		20	M	2, 571	16	46
	10	1 2	M	1. 83			Jan. 1865	10	1	M	2.00	4.6	"
· A varees	10	16	M	1. 64				10	5 6	M	2. 25 2. 50	11	44
July 1860	10	10	M	1. 50				10	13	M	2.75 3.00	11	66
. outy 1800	- 10 10	5 1	M	1. 67 1. 75	££ ££		Average			-!	2.691	6.6	41

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARY-LAND—Continued.

MACHINISTS-Continued.

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Payroll of—	Bours per day.	Different employés.	Sex.	Rate	of v	wages.	Payroll of—	Dours per day.	Different employés.	Sex.	Rate	of	wages.
July 1865	10 10 10 10	5 2 H 12	M M M M	\$2. 25 2. 50 2. 75 3. 00	per	day.	Jan. 1871- conc'd.	10 10 10	6 8 28	M M M	\$2.75 3.00 2.64	pe	r day.
Average	10	22	M	2. 75	44	46	July 1871	10	9	М	2, 25	44	**
Jan. 1866	10 10 10 10	15 18 12 1	M M M	2. 50 2. 75 3. 00 3. 50	66 66 46	46 46 46 46	Average	10 10 10	7 7 8 31	M M M	2, 50 2, 75 3, 00 2, 61½	44	"
Average	10	47	M	4.00 2.77½	16	"	Jan. 1872	× 10	8	м		~ "	46
July 1866	10 10 10	7 11 10	M M M	2. 50 2. 75 3. 00	46	66 46 46	Jul. 1812	10 10 10	9 7 8	M M M	2. 25 2. 50 2. 75 3. 00	66 66	"
Average	10	28	м	2. 771	44	14	Average	10	. 32	M	2. 61 1	44	41
Jan. 1867	10 10 10	8 7 12	M M M	2, 50 2, 75 3, 00	44 44	66	July 1872	10 10 10	7 6 7	M M M	2. 25 2. 75 3. 00	41 41	46 46
Average	10	27	M	2. 78	**	11,	_ Average	10	20	М	2, 661	66	**
July 1867	10 10 10	5 3 10	M M M	2. 50 2. 75 3. 00	6 6 6 6	66 64	Jan. 1873	10 10 10 10	6 7 6 8	M M M	2. 25 2. 50 2. 75 3. 00	66	66 66 66
Average	10	18	M	2.82	66	44	Average	10	27	M	2. 65	16	"
Jan. 1868	10 10 10	6 3 11	M M M	2. 50 2. 75 3. 00	66 66	66 66	July 1873	10 10	6 5	M M	2, 25 2, 50	11	44
Average	10	*20	M	2.81½	44	46		10 10	5 8	M	2.75 3.00	11	14
July 1868	10 10 10	8 5 9	M M M	2.50 2.75 3.00	66 66	64 64 84	Average Jan. 1874	10 10	24 6	M M	2. 65½ 2. 25	14	46
Average	10	22	<u>M</u>	2.76	"	44	Jun. 1074	10 10	5 5	M M	2.50 2.75	14	11
Jan. 1869	10 10 10	4 4 10	M M M	2. 50 2. 75 3. 00	6 E E E	66 64	Average	10	24	м	3. 00 2. 65½	64	11
Average July 1869	10	18	M	$2.83\frac{1}{2}$ 2.25	"		July 1874	10 10 10 10	5 5 5 8	M M M M	2. 25 2. 50 2. 75 3. 00	44 44	" " " " " " " " " " " " " " " " " " "
	10 10 10	5. B	M M M	2.50 2.75 3.00	16	11. 11	Average	10	23	M	$2.67\frac{1}{2}$	14	44
Average	10	23	M	2.661	**	44	Jan. 1875	10 10 10	3 9 7	M M M	2. 25 2. 50 2. 75	"	66 64 46
Jan. 1870	10 10 10	7 12 9 3	M M M	2. 25 2. 50 2. 75	11	"	Average	10	19	M	2. 55½	64	41
Average	10	8	М	3.00	44	44	July 1875	10 10	3	M M	$\frac{2.25}{2.50}$	44	44
July 1870	10	32 9	M M	2. 55½ 2. 25	64	"		10		M	2. 75	44	£1.
1	10 10 10	8 6 8	M M M	2. 50 2. 75 3. 00	"	11 41	Jan. 1876	10 10 10	19 5 11	M M M	2. 55½ 2. 25 2. 50	**	£4 £4
\mathbf{A} verage	10	31	M	$2.60\frac{1}{2}$		**	-	10	6	M	2. 75		44
Jan. 1871	10 10	5 2	M M	2. 25 2. 35	"	44	Y	. 10	22	М	2.51	81	66
Į	10	7	M	2.50	**	**	July 1876	10 10	8	M	2, 25 2, 50	11	\$1 51

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARY-LAND-Continued.

MACHINISTS-Continued.

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Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	rages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	_
July 1876– conc'd. Average	10	14	M M	\$2.75 2.46½	per 	day.	July 1882	10 10 10 10	6 2 6 2	M M M M	\$2, 50 2, 67 2, 75 3, 00	per "	day.	
Jan. 1877	10 10 10	4 4 8	M M M	2.00 2.25 2.50	11	11	Average	10	16	М	2. 672	46	46	
Average	10	16	М	2.31	44	11	Jan. 1883	10 10 10	7 2 6 2	M M M M	2.50 2.67 2.75	66 66	66 66	
July 1877	10 10 10	4 4 8	M M M	2.00 2.25 2.50	66 66 64	64 64	Average	10	17	м	3.00 2.66½	"	46	
Average		76	M	2.311	44	44	July 1883	10 10 10	8 2 7	M M M	2. 50 2. 67 2. 75	44	66 66	
Jan. 1878	10 10	4 3 8	M M M	2. 00 2. 25 2. 50	6 6 6 6	64 64	Average	10	19	M	3.00 2.66½	46	"	
Average	10	15	M	2.311	**	**	Jan. 1884	10	6 2	M M M	2, 50 2, 67 2, 75	"	44 44	
July 1878	10	3	M M	2.00	64 44	64 66	A	10 10	6 3 17	M	2. 73 3. 00 2. 69½	**	11	
A verage	10	15	M	2. 50 2. 313		44	Average July 1884	10 10 10	7 6	M M	2. 25 2. 50	44	66	
Jan. 1879	10	3 4	M M M	2.00 2.25 2.50	6 6 6 6	16 61 64		10	8 3	M M	2.75 3.00	""	11	
Average	10	7	M	2.32		44	Average		24	м	2. 57 g	5.4	44	
∽.July 1879	10 10 10	4 4 7	M M M	2.00 2.25 2.50	44	6 6 6 6 4 6	Jan. 1885	10 10 10 10	8 6 8 3	M M M M	2, 25 2, 50 2, 75 3, 00	44	"	
.A\rerage	10	15	М	2.30			Average	10	25	м	2. 56	44	66	
Jan. 1880	10 10 10 10	2 4 6 1	M M M M	2.00 2.25 2.50 3.00	44 44 44	4 6 4 6 6 6	July 1885	10 10 10 10	6 7 2	М М М М	2. 25 2. 50 2. 75 3. 00	11	66 66 66 66	
Average	10	13	М	2.38	44	65	Average	10	23	М	2. 531	44.		
、July 1880	10 10 10 10	3 6 7 1	M M M M	2. 33 2. 50 2. 75 3. 00	64 64 64	66 44 64 86	Jan. 1886	10 10 10 10	6 7 3	M M M M	2. 25 2. 50 2. 75 3. 00	11 11	66 66	
Average	10	17	M	2.60	44	66	Average	10	24	М	2. 55	44	44	
Jan. 1881	10 10 10 10	13 2 7 2	M M M M	2.50 2.67 2.75 3.00	66 66 66	66 66 66	July 1886	10 10 10 10	10 6 7 3	M M M M	2. 25 2. 50 2. 75 3. 00	44 44	46	
Average	10	24	M	2. 63		44	Average	10	26	M	2.53	44	44	
July 1881	10 10 10 10	15 2 7 2	M M M M	2. 50 2. 67 2. 75 3. 00	46	61 66 66	Jan. 1887	10 10 10 10	9 8 8 3	M M M M	2, 25 2, 50 2, 75 3, 00	16 46 66	16 16 14	
Average	10	26	M	2. 62		44	Average	10	28	М	2.54		14	
Jan. 1882	10 10 10 10	10 2 7 2	M M M M	2.50 2.67 2.75 3.00	46	44 44	July 1887	10 10 10 10	8 10 6 3	M M M M	2. 25 2. 50 2. 75 3. 00	11 11 11	14 14 14	
Average	10	21	М	2.64	. "	**	Average	10	27	l M	2, 53	**	44	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARY-LAND—Continued.

MACHINISTS-Concluded.

Payroll of—	Hours per day.	Different employés.		Rate	of 1	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	rages.
Jan. 1888	10 10 10 10	9 9 6 3	M M M M	\$2. 25 2. 50 2. 75 3. 00	per	day.	Jan. 1890	10 10 10 10	9 9 7 4	M M M M	\$2, 25 2, 50 2, 75 3, 00	per	day.
Average	10	27	M	2. 53	4.6	14	Average	10	29	Л	2.55	- 64	**
July 1888	10 10 10 10	10 9 7 3	M M M M	2. 25 2. 50 2. 75 3. 00	44 44	16 14 44 44	July 1890	10 10 10 10	10 10 8 5	M M M M	2. 25 2. 50 2. 75 3. 00	44 44 66	11
Average	10	29	M	2. 521	6.6	41	Average	10	83	м	2.56		41
Jan. 1889	10 10 10 10	9 9 7 5	M M M M	2. 25 2. 50 2. 75 3. 00	44 44	66 66 62 64	Jan. 1891	10 10 10 10	9 9 8 4	M M M M	2. 25 2. 50 2. 75 3. 00	44 41 41	41 44 44
Average	10	30	M	$2.56\frac{1}{2}$	6.6	**	Average	10	30	М	2.56	**	"
July 1889	10 10 10 10	8 9 8 4	M M M M	2. 25 2. 50 2. 75 3. 00	6 6 6 6 6 6	44 44	July 1891	10 10 10 10	11 12 8 6	M M M M	2. 25 2. 50 2. 75 3. 00	11	44 44 44
Average	10	29	М	2.57	44	64	Average	10	37	M	2.56	44	44

MOULDERS.

July 1855	10 10 10	3 1 1	M M M	1. 67 pe 2. 00 2. 17	l.	lay.	Jan. 1859	10 10 10	1 1 3	М М М	1. 67 1. 75 2. 00	per	day.
Average	10	5	м	1.831 '	٤	**	Average	10	5	М	1.881	6.6	4.6
Jan. 1856	10 10 10	2 2 2	M M M	1.67 2.00 2.17	6	66 66	July 1859	10 10 10	3 1 4	M M M	1. 67 1. 75 2. 00	"	64 64
Average	10	6	м	1.941 '	4	44	Average	10	8	M	1.841	6.6	46
July 1856	10 10 10	3 2 3	M M M	1. 67 1. 75 2. 00	6	64 44 46	Jan. 1860	10- 10	2 3	M M	1. 67 2. 00	66	64
Average	10	8		1.811		44	Average	10	5	M	1.87	1.4	46
Jan. 1857	10 10	2	M M	1. 67 1. 75			July 1860	10 10	2 3	M M	1. 67 2. 00	44	66
	10	3	M	2.00	4	44	Average	10	5	М	1.87	4.1	44
Average	10	6	М	1.85			Jan. 1861	10 10	1	М	1.75 2.00	44	"
July 1857	10 10 10	3 2 3	M M M	1. 67 1. 75 2. 00		44	Average	10	4	М	1. 931	66	
Average	10	8	М	1.811		44	July 1861	10 10	1	M M	1.50 2.00	**	44
Jan. 1858	10 10 10	3 3 4	M M M	1. 67 1. 75 2. 00	٤	64 64	Average	10	2	M	1.75	64	44
Average	10	10	M	1.821 '	ı	41	Jan. 1862	10	1	M	2.00	44	16
J uly 1858	10 10 10	2 1 3	M M M	1. 67 1. 75 2. 00	ı	44 44	July 1862	10 10 10	1 3 1	M M M	1. 67 1. 75 2. 25	41 41	65 64 61
Average	10	6	M	1.85	4	44	Average	10	5	М	1.831	44	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARY-LAND—Continued.

MOULDERS-Continued.

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Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	Hours per day.	Different employes.	Sex.	Rate	of w	ages.
Jan. 1863	10 10 10	2 1 1	M M M	\$1.75 I 2.00 2.25	er d	lay.	Jan. 1869	10 10 10	$\frac{2}{4}$	M M M	\$2, 50 1 2, 67 3, 00	erd a	ity.
Average	10	4	М	1.931	4 6	4.6	Average	10	7	М	2.67	6 4	4.6
July 1863	10 10 10	4 1 1	M M M	1.83 2.00 2.25	6 6 6 6 6 8	66 61	July 1869	10 10 10	2 3 1	M M M	2. 50 2. 67 3. 00	44	44 44
Average	10	6	M	1. 93	41	4.6	Average	10	6	M	2, 67	44	**
Jan. 1864	10 10 10	4 1 1	M M M	2.00 2.25 2.50	6.6 6.6	66	Jan. 1870	10 10 10	5 2 1	M M M	2.50 2.67 3.33	6.6 6.6	6.6 6.6
Average	10	6	М	2. 121	**	44	Average	10	8	M	2.641	\$ 6	44
July 1864	10 -10 10	11 2 4	. M M M	2. 00 2. 33 2. 67	6 E E E E E E E E E E E E E E E E E E E	44 44	July 1870	10 10 10	2 2 1	M M M	2.50 2.67 3.33	. 44 . 44	44
	=10	1	M	2, 24	"		Average	10	5	M	2.731	i.i.	44
Average Jan. 1865	10 10	18 2 3	M M M	.2. 25 2. 50	44	61 61	Jan. 1871	10 10 10	1 2 1	M M M	2.50 2.67 3.33	£ 6 £ 6	14
	10	4	М	2. 67	44		Average	10	4	М	$2.79\frac{1}{2}$	4.6	66
Average July 1865	10 10	1 2	M M M	2. 52 2. 33 2. 50	**	"	July 1871	10 10 10	. 4 2 1	M M M	2, 50 2, 67 3, 33	64 64	44 44
,	10	2	M	2. 67	4.6	66	Average	10	7	м	2.661	4.6	44
Average	10	5	М	2.531	41	44	Jan. 1872	10	5	М	2. 50	16	44
Jan. 1866	10 10 10	6 7 2	M M M	2. 50 2. 67 3. 00	44	41	Average	10 10	10	M	2. 67 3. 33 2. 65	44	11
Average	10	15	M	2.641	66	44	July 1872	1 .	4	M	2.50		44
July 1866	10 10 10	5 1		2.50 2.67 3.00	4.6 6.6	6 6 6 6	day 1012	10 10	3 1	M	2.67	**	44
Average		10	M	2.631	66	44	Average	l .			2. 66½ 2. 50	"	14
Jan. 1867	Ι.	5 6 1	M	2. 50 2. 67 3. 00	66	11	Jan. 1873	10 10	3	M	2. 67 3. 33	44	44
Averag		_		2. 621		44	Averag	1	8		2, 66	44	11
July 1867		4	M M	2. 50 2. 67	44	11	July 1873	10 10 10	3	M	2.50 2.67 3.33	66	66
	10	1	. M	3.00	44	**	Averag	e 10	8	M	2, 661		66 .
Averag Jan. 1868	3 10	a	M	2.621	11	"	Jan. 1874	10 10 10	3	M		66 44	64 64
	10			2, 67 3, 00	"		Averag		_	-	_!	41	**
Averag	e 10	7	M	2. 641			July 1874	1	4	М	2.50	: 1	"
July 1868	3 10 10 10	1 8	3 M	2.50 2.67 3.00	f e f e f e	4.6		10	3	M	3. 33		66
Averag	e 10	,	M	2, 64	. "	6,6	Averag	۳ ۲۰	,	1	,,	•	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARYLAND—Continued.

MOULDERS-Continued.

	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages		Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages
	Jan, 1875	10 10 10	3 3 1	M M M	\$2. 25 2. 50 3. 00	per "	day.		Jan. 1881- cone'd.	10 10	I 1	M M			day.
	Average	10	7	м	2. 461	**	44		* Average	10	21	М	2.44	64	44
: 4 4.5	July 1875	10 10 10	3 3 1	M M M	2, 25 2, 50 3, 00	66	44 46 44		July 1881	10 10 10 10 10	11 6 1 I	M M M M	2, 25 2, 50 2, 75 3, 00 3, 50	66 66 66	65 66 65
	Average		7	M	2.461	64	44		Average	10	20	M '	2.45	64	66
	Jan. 1876	10 10 10	6 3 1	M M M	2. 25 2. 50 3. 00	66	44		Jan. 1882	10 10 10	12 8 1	M M M	2. 25 2. 50 2. 75	66 66	66 11
	Average		10	M	2.40		**			10	1	М.	3.00	11	66
	July 1876	10 10 10	5 1	M M M	2.00 2.25 3.00	66	66		Average July 1882	10 10	22 10	M M	2. 40	"	14
	Average	10	10	M	2, 22½	46	44			10 10 10	7 - 3 1	M M M	2. 50° 2. 75 3. 00	46	44 66
	Jan. 1877	10 10 10	5 4 1	M M M	2.00 2.25 2.50	44	66 66		Average	10	21	м	2.44	46	"
	Average		10	M	2. 15	44	44		Jan. 1883	10 10	12 8	M	2. 25 2. 50	11	11
	J uly 1877	10 10 10	5 4 1	M M M	2.00 2.25 2.50	64 64	66 66	,	A wown wo	10 10	3 1 24	M M	2.75 3.00 2.42h	11	41
	Average		10	м	2, 15		44		Average July 1883	10	10	M	2. 25	44	16
	Jan. 1878	10 10 10	4 4 1	M M M	2.00 2.25 2.50	6 b 6 6 6 4	11 44		oury 1865	10 10 10	8 3 2	M M M	2. 50 2. 75 3. 00	4 t 4 t	11 11
	A		9	M	2. 161	44	44	Ì	Average	10	23	М	2.461	11	11
	Average July 1878	10 10 10 10	4 4 1	M M M	2. 10g 2. 00 2. 25 2. 50	44 44 44	46		Jan. 1884	10 10 10 10 10	11 2 7 8 2	M M M M	2, 25 2, 42 2, 50 2, 75 3, 00	66 66	66 66
	Average	10	9	M	2. 16	44	64		Average	10	25	м	2. 45	56	**
1	Jan. 1879	10 10 10	5 1	M M M	2. 00 2. 25 2. 50	66 66	66 66		July 1884	10 10 10	$\frac{10}{2}$	M M M	2. 25 2. 42 2. 50	66 66	41 41 46
	Average	10	10	M	2.17	44	"			10 10	3	M M	2. 75 3. 00	11	11
	July 1879	10 10 10	6	M M M	2.00 2.25 2.50	66	66		Average	10	24	M	2 473	44	ıı
	Average	10	11	M	2. 18	44	**	Ì	Jan. 1885	10 10	12 15	M M	2. 25 2. 50 2. 75	44	46
	Jan. 1880	10 10	5 6	M	2.00 2.25	44	44			10 10	2 3	M M ———	3, 00	44	14
	A	10	2	<u>M</u>	2. 50	**	44	1	Average	10	32.	M	2.47	**	"
	Average July 1880	10 10 10 10	13 10 1 1	M M M	2. 19 2. 25 2. 33 2. 75	66	44 44 44		July 1885	10 10 10 10	10 10 2 1	M M M M	2. 25 2. 50 2. 75 2. 87 3. 00	11 11 11	ft ft ft
	Average	10	12	м	2.30	"	44		Average	10	25	<u>м</u>	2.47	**	"
	Jan. 1881	10 10	10 9	M M	2. 25 2. 50	64 66	44 66		Jan. 1886	10 10	11 10	M M	2. 25 2. 50	"	11 (1

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARY-LAND—Continued.

MOULDERS-Concluded.

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Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1886– conc'd.	- 10 10 10	2 1 2	M M M	\$2.75 2.87 3.00	per 	day.	Jan. 1880	10 10 10	12 9 3	M M M	\$2. 25 2. 50 2. 75	per	day.
Average	10	26	М	2.461	44	4.6		10 10	1 2	M M	2.87 3.00	44	**
July 1886	10 10 10 10	12 12 2 1	M M M M	2, 25 2, 50 2, 75 2, 87	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	66 66	Averago July 1889	10 10 10	27 11 10	M M M	2. 46½ 2. 25 2. 50	66 66	44
***	10	2	M	3.00	14			10 10 10	4 1 2	M M M	2.75 2.87 3.00	**	46 46
Average		29	M	2.46			Average	10	28	M	2. 481		44
Jan. 1887	10 10 10 10 10	9 13 3 1 2	M M M M M	2 25 2.50 2.75 2.87 3.00	11	41 41 41	Jan. 1890	10 10 10 10 10	10 9 4 1 2	M M M M	2. 25 2. 50 2. 75 2. 87 3. 00	44 44	6
Average	10	28	M	$2.49\frac{1}{2}$	"	66	Average	10	26	<u>м</u>	2.491	"	44
July 1887	10 10 10 10 10	10 15 2 1 2	M M M M	2, 25 2, 50 2, 75 2, 87 3, 00	66 61 61	66 66 66	July 1890	10 10 10 10 10	11 12 4 1 2	M M M M	2. 25 2. 50 2. 75 2. 87 3. 00	66 66 64	46 46 46 46
A verage	10	30	M	2.48	**	**	Average	10	- 30	М	2.481	64	44
Jan. 1888	10 10 10 10 10	12 10 4 1 2	M M M M	2. 25 2. 50 2. 75 2. 87 3. 00	66 66 66	66 66 66 66	Jan. 1891	10 10 10 10 10	12 9 2 1 2	M M M M M	2. 25 2. 50 2. 75 2. 87 3. 00	44 44 44 44	46 46 46
Average	10	29	M	2. 48	44	66	Average	10	26	м	2. 451	**	44
July 1888	10 10 10 10 10	13 10 4 1 2	M M M M	2. 25 2. 50 2. 75 2. 87 3. 00	46 66 66	81 66 64	July 1891	10 10 10 10 10	14 10 3 1 2	M M M M	2. 25 2. 50 2. 75 2. 87 3. 00	66 66 65	44 44 44
Average	10	30	м	2. 47	**	**	Average	10	30	м	2.451	**	6.6

PAINTERS.

July 1859	10 10	5 3	M M	1.50 1.67	per	day.	July 1863	10 10	2 2	M M	1.67 1.75	per	day.
Average	10	8	М	1.561	64	**	Average	10	4	M	1.71	44	44
Jan. 1860	10 10	5 3	M M	1.50 1.67	44 84	**	Jan. 1864 Jan. 1865	10 10	1	M	1.50 2.25	44	44
A verage	10	8	M	1.561	44	44	July 1865 Jan. 1866	10 10°	1	M M	2.50 2.50	**	44
July 1860	$\begin{array}{c} 10 \\ 10 \end{array}$	2 1	M M	1.50 1.67	46	44	July 1866	10 10	2 1	M M	2.50 3.00	44	46
Average	10	3	м	1.551	44	**	Average	10	3	м	2.661	44	44
Jan. 1861 July 1861 Jan. 1862 July 1862	10 10 10 10	1 1 1 1	M M M M	1. 67 1. 17 1. 17 1. 17	4 C 4 S 4 S	61 64 66	Jan. 1867 July 1867 Jan. 1868	10 10 10	2 1 1	M M M	2.50 2.50 2.50	66 66	44
Jan. 1863	- 10	1	M	1.67	44	44	July 1868	10	1	М	2.50	**	••

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARYLAND—Continued.

PAINTERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.		Rate of wages.
Jan. 1869 July 1869 July 1870 July 1870 July 1870 Jan. 1871 July 1872 July 1872 July 1873 July 1873 July 1874 July 1875 July 1875 July 1875 July 1878 July 18881 Jan. 1881 Jan. 1882	10 10 10 10 10 10 10 10 10 10 10 10 10 1	111111111111111111111111111111111111111	M M M M M M M M M M M M M M M M M M M	\$2.50 per day. 2.50 " " 2.50 " " 2.50 " " 2.50 " " 2.50 " " 2.50 " " 2.50 " " 2.50 " " 2.50 " " 2.50 " " 2.50 " " 1.75 " " 1.75 " " 1.75 " " 1.75 " "	July 1882 Jan. 1883 July 1883 Jan. 1884 July 1884 Jan. 1885 July 1885 July 1886 July 1886 July 1886 July 1886 July 1886 July 1888 July 1888 July 1888 July 1889 July 1889 July 1899 July 1899 July 1899 July 1899 July 1899 July 1899 July 1899	10 10 10 10 10 10	111111111111111111111111111111111111111	M M M M M M M M M M M M M M M M M M M	\$1.75 per day. 1.75 " " 1.75 " " 1.75 " " 1.75 " " 1.75 " " 1.75 " " 1.75 " " 1.75 " " 1.75 " " 1.75 " " 1.75 " " 1.75 " " 1.75 " " 1.75 " " 1.75 " " 1.75 " " 1.75 " " 1.75 " " 1.76 " " 1.77 " " 1.78 " " 1.78 " " 1.79 " " 1.79 " " 1.70 " 1.70 " 1.70 " " 1.70 " " 1.70 " " 1.70 " " 1.70 " " 1.70 " " 1.70 " " 1
	- 1						f		

PATTERNMAKERS.

												~	3
J uly 1855	10 10	8 1	M M	1.50 2.00	per	day.	July 1859	10 10 10	4 3 1	M M M	150 1. 67 2. 00	per	day.
Average	10	9	M	1. 55	"	44			ļ			رايم ويعشر	erika Marijan
Jan. 1856	10 10 10	8 2 1	M M M	1. 50 1. 67 2. 00	44	64 46	Average Jan. 1860	10 10 10	10 6	M M M	1. 62½ 1. 50 1. 67	44	
Average	10	11	M	1.57		6.6	- //	10	1	M	2.50	. "	<u>ુ.</u> "
J uly 1856	10 10 10	6 1 1	M M M	1.50 1.67 2.00	6 E	46	Average July 1860	10	17	M	1.62		
Average	10	8	М	1.581	**	44		10 10	1	M M	1. 67 ° 2. 50	, 41	14
Jan. 1857	10 10 10 10	5 3 1 1	M M M M	1.50 1.67 1.75 2.00	6 6 6 6 6 6	61 66 64	Average Jan. 1861	10° 10 10	11 -3 3	M M M	1.65½ 1.50 1.67	* 64 61 66	44 44
Average	10	10	M	1. 621	**	t t		10	1	M	2.50	66	44
July 1 <u>8</u> 57	10 10 10 10	8 4 2 1	M M M M	1, 50 1, 67 2, 00 2, 50	66 68	41 11 44 46	Average July 1861	10 10 10	7 1 1	M M M	1.71½ 1.33 1.42	46	46 46
Average	10	15	М.	1.68	4.4	* 6		10	2	M	1.50	64	44
Jan. 1858	10 10 10 10	7 3 1 1	M M M M	1.50 1.67 2.00 2.50	1 6 6 4	6 6 6 6 6 5	Jan. 1862	10 10 10 10	1 1 1	M M M	1. 43½. 1. 33 1. 50 2. 00	44 44 44	46 46 48
Average	10	12	М	$1.66\frac{1}{2}$	••	**	Average	10	3	M	1.61	44	4.6
July 1858	10 10 10	3 3 1	M M M	1.50 1.67 2.50	6 6 6 6	66 66 61	July 1862	10 10 10	1 4 1	M M M	1.33 1.50 2.25	44 44	15 16 16
Average	10	7	м	1.711	**	4.6	Average	10	6	м	1.591	**	44
Jan. 1859	10 10 10	3 3 1	M M M	1.50 1.67 2.50	4.6 6.6	66 66	Jan. 1863	10 10 10	7 3 1	M M M	1,50 1,67 3,00	64 64	16 46 46
Average	10	7	M	1.713	4.5	**	Average	10	11	м	1.681	45	45

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARY-LAND--('ontinued.

PATTERNMAKERS-Continued.

Payroll .	Houre per day.	Different employés.	Sex.	Kate	of w	ages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of '	wag	OB.
J uly 1863	10 10 10 10	5 4 1	M M M M	\$1. 67 1. 75 2. 25 3. 00	per e	lay.	Jan. 1869	10 10 10 10	3 5 2 2	M M M M	\$2, 50 2, 75 3, 00 4, 00	per	day	·
Average	10	11	M	1.87	14	44	Average	10	12	м	2. 931	44	41	
Jan. 1864	. 10	6	M	1, 67	čs	44	July 1869	10	3	м	2, 50	"	44	
~	10 10	4 3	M	1.75 1.83	16	**	July 1008	10	6 2	M	2. 75 3. 00	46	44	
*,	10 10	2	M	1. 92 2. 25	44	44		10 10	ĩ	M M	4.00	4 6	4.4	
, -	- 10	1	M	4.00		**	Average	10	12	M	2.831	4.5	6.6	
Average	- 10	17	M	1.92	46	**	Jan. 1870	10	4	м	2.50	4.6	11	
July 1864	10 10	1 1	M M	1.83 1.92		41	1	10 ·	2 5	M	2.75 3.00	66	44	•
,	10 10	6	M	2.00	**	66	ļ	10 10	. 1	M M	3. 50 4. 00	44	6.6	1
	10 10	2	M	2. 50 3. 50	"	11	Average	10	13	м	2. 921	64	**	
Average	10	15	М	2. 25	44	44	July 1870	10	2	М	2.50 2.75		44	
Jan. 1865	10 10	7 4	M	2. 25 2. 50	16	44	Ì	10	3 4	M	3.00	- 44	44	
•	10	ī	M	4.00		**		10 10	1 1	M	3.50 4.00	11	14	
Average	10	12	M	2.48	í,	11	Average	10	11	M	2. 971	**	44	
July 1865	10 10	2 2	M	2.00 2.25	44	11	Jan. 1871	10,	. 2	M	2.50	64	44	
,	10 10	3 3	M	2.50 2.75	11	16		10 10	. 3	M	2.75 3.00	4.4		
	10	1	M	3.00	16	44		10 10	1	M	3.50 4.00	"	66	
Average		12	M	2. 60	·	44	Average		10	М	2. 97	15	4.6	
Jan. 1866	10	2	M	2. 50	16	41	July 1871	10	2	M	2.50	"	44	
	10	5 2	M	2. 75 3. 00	15/	46		10 10	3	M	2.75 3.00	11	46	
	100	1	M	4. 00	-	44		10. 10.	1	M M	3, 50 4, 00	"		
Average	1	10	M	2.87	2		Average	10	9	M	3.00	4 4	4.4	
July 1866	10 10	2 4	M	2. 67	11		T 1070	10		M	2.50		ıı	
	10 10	2	M M	3.00 4.00	4.6	"	Jan. 1872	10	2 2 3	M	2, 75 3, 00	**	46	
Average	10	9	М	2. 92	1 11	44		10	1 1	M	3, 50 4, 00	41	46	
Jan. 1867	10	3	М	2. 50	44	44	A	10	9	M	3, 00	. 41	**	
	10 10	1	M	2.75 4.00	44		Average	1 .	3	M	2.50	1.6		
Average	10	12	M	2.79		ıı	July 1872	10. 10.		M	2.75 3.00			
July 1867	10	2	M	2. 50	44	15	,	10	ĭ	M	3, 50			
	10 10	6	M M	2.75 4.00			Average	10	b	M	2. 83			
Average	10	ġ	M	2.83	1/2 **	**	Jan. 1873	10	2 3	M	2.50 2.75	4.6	4.6	
Jan. 1868			M	2. 50 2. 75		14	1	10.		M	3, 00 3, 50	41		
,	10 10		M	4.00		6.6	Averag		8	-!	2.84	į (
Average	10	8	М	2. 84	1 11	11	July 1873	10	. 2	1	2.50	1.0		
July 1868			M M	2. 50 2. 75		64	3 2370	10 10		\mathbf{M}	2, 75 3, 00			ı
	10 10	1		4. 00		4.6		10	1	M	3.50			
. Average	10	i 10	М	1 2.77	4 4	5.5	Averag	e ^l 10	8	M	2.87	ł "		,

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARY-LAND—Continued.

PATTERNMAKERS-Continued.

of — day day day employes. Set I Mate of wages of — day. er day. of — day. er	1 1 5 1 2 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1	M \$2.75 3.00 A 2.55 M 2.25 M 2.75 M 2.75 M 2.75 M 2.75 M 2.75	per day.
Average 10 2 M 2.75	1 1 5 2 1 1 1 1 1 1 1 1 1	M 3.00 1 2.55 2.25 2.50 2.75 3.00 1 2.55 1 2.25	- 66 66 66 66 66 66 66 66
Average 10 8 M 2.81½ " " July 1879 10 10 10 10 10 10 10 10 10 10 10 10 10	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 2. 25 4 2. 50 4 2. 75 4 3. 00 4 2. 55 4 2. 25	66 48 66 66 66 66
July 1874 10 2 M 2.50 " " 10 10 10 10 10 10 10 10 10 10 10 10 10	1	1 2.55 1 2.75 1 3.00 1 2.55 1 2.25	66 48 66 68
July 1874 10 2 M 2.50 " " 10 10 10 10 10 10 10 10 10 10 10 10 10	1 M 5 M 2 M 1 M	1 2.75 1 3.00 1 2.55 1 2.25	- " **
10 1 M 3.50 " " Average 10	3 M 2 M 1 M	1 2.25	66 68
1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 M 1 M	I 2.25	
Average 10 8 M 2.87½ " " Jan. 1880 10	1 1		66 E8
Jan. 1875 10 2 M 2.50 " " 10 10 10 10		£ 2.75	11 11
10 3 M 3.00 " " Average 10	-7 N		- 44 44
Average 10 8 M 2.871 " " July 1880 10	4 N		11 11
July 1875 10 2 M 2.50 " " 10 10 10	3 A 2 A	1 2.75	11 14
10 2 M 2.75 " " 10 10 3 M 3.00 " " Average 10	1 N		
Average 10 8 M 2.87 " " Jan. 1881 10	5 X	1 *	66 66
Jan. 1876 10 3 M 2. 25 " " Jan. 1881 10 10	5 N	[2.50	41 46
10 3 M 2.50 " " 10 10 10 10 10 10 10 10 10 10 10 10 10	1 N	3. 25	66 16
10 3 M 3.00 " " Average 10.	15 M	2. 53	""
Average 10 12 M 2.68 " " July 1881 10 10	5 M 5 M		22 EE
July 1876 10 4 M 2.25 " " 10 10	4 X	2.75	66 46
10 2 M 2.50 " "	15 M		. i
10 1 M 3.50 " "	3 1	1 -	41
Average 10 9 M 2.55½ " " Jan. 1882 10 10 10	3 M 2 M	2,75	66 BE
Jan. 1877 10 5 M 2. 25 " " • 10 10 10 10 10 10 10 10 10 10 10 10 10	์ โ		tt tf
10 2 M 2.75 " " Average 10 2 M 3.00 " "	9 M	2. 78	11 46
Average 10 12 . M 2.52 " " July 1882 10 10	3 M		11 44
Tol- 1077 10	4 M	2.75	** **
10 3 M 2.50 " "	10 M		
10 1 M 3.00 " "	2 M	1	44 66
Average 10 11 M 2.47½ " " Jan. 1883 10 10 10 10 10	2 M 3 M	2.50	tt
Jan. 1878 10 3 M 2. 25 " " 10 10 10 10 10 10	1 M	3.00	n n
10 2 M 2.75 " " Average 10 2 M 3.00 " "	8 -M	2.593	
Average 10 9 M 2.58 " " " July 1883 10 10	3 M		15 44 61 64
10	3 M 1 M	2.75	66 68
10 2 M 2.50 " "	10 M	_!	44 44
10 2 M 2.75 " " Average 10 Jan. 1884 10	3 M		
Average 10 9 M 2.581 " " 10 10 10	3 M 4 M	2, 50	41 15
Jan. 1879 10 2 M 2.25 " " 10 10	i M	3.00	11 18
10 1 M 2.50 " " Average 10	11 M	2.57	15 18

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARY-LAND—Continued.

PATTERNMAKERS-Concluded.

Payroll of—	Hours per day.	-Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages
July 1884	10 10	6 4	M M	\$2.25 2.75	per	day.	July 1888	10 10	3 2	M M	\$2. 25 2. 50		day.
Average	10	10	M	2. 45				10 10	2	M M	2. 75 3. 00	44	66
Jan. 1885	10 10	6	M M	2. 25 2. 75	11	66	Average	10	8	М	2. 53	"	44
Average	10	10.	М	2.45	64	6.6	Jan. 1889	10 10	3	M	2. 25 2. 50	11	.4
			ł					10	. 1	M	2.75	"	
July 1885	10	2 2	M	2. 25 2. 50	44	66		10	1	M	3.00		44
	10	4	M	2.75			Average	10	. 8	M	2. 50	**	**
Average	10	8	M	2.561	6.6	4.4	July 1889	10	3	M	2. 25	11	66
Jan. 1886	10	3.	м	2, 25	1.4	14		10 10	2 2	M	2.50 2.75	**	44
Jan. 1600	10	2	M	2.50	6.6	46.		10	. 1	M	3.00	4.6	66
	10	ี้ อี	M	2.75	64	44	Average	10	8		2, 53	٠.,	44
Average	10	8	M	2.50	£ £	44		10	1:	м		64	44
July 1886	10	3	м	2. 25	66		Jan. 1890	10	4 2	M	2. 25		4.6
n 113 1000	10	2	M	2. 50	4.4	41	li .	10	2	M	2.75	44	4.6
	10	2 3	M	2. 75	4.6	44		10	2	M	3.00	6.6	и,
Avérage	10	8	М	2.50	t s	6.6	Average	10	9	M	2. 50		
Jan. 1887	10	2	м	2.25	LE	4.6	July 1890	10	. 2	M	2. 25	4.4	4.6
J 1001	10	2 2	$\widetilde{\mathbf{M}}$	2.50	6.6	4.6	J 4415	10	2	M	2.50	t t	6.6
,	10		M	2.75	4.6	4.6		10	1	M	2.75	1.4	
	10	1	_M	3.00	**	44		10	1	_M_	3:00	- 66	44
Average	10	7	M	2.57		44	Average	10	. 6	M	2.54	44	4.6
July 1887	10	2	M	2, 25	64	4.6	Jan. 1891	10	2	M	2. 25	1.0	6.6
,	10	2 2	M	2.50	6.4	- 11	1	10	2	М	2.50	+ 4	4.6
	10	2	M	2. 75	6.6	14		10	2 2 1	M	2.75	4.6	
	10	1	M	3.00	44	4.6		10	,	M	3, 00		1.6
Average	10	7	M	2. 57	"	£ C	Average	10	7	M	2.57	6.6	"
Jan. 1888	.10	4	M	2. 25	4.4	6.6	July 1891	10	2	М	2.25	4.6	11
	10	4 2 2	M	2.50	4.6	66		10	2 2	M	2. 50	4.6	4.6
	10	2	M	2.75	1.6	**	1	10	2	M	2.75	11	16
	10	1	M	3.00	16	££		10	; 1	_M	3.00	_	
Average	10	9	M	2, 50	11	64	Average	10	7	M	2.57	1.6	41

Jan. 1855	10 10	2	M M	1.00 1.12	per	day.		Jan. 1857	10 10	2 1	M M	1.00 1.12	per	day.	
Average	10	3	М	1.04	**	44		Average	10	3	M	1.04		66	
∠July 1855	10 10	2 1	M M	1.00 1.12	14	{ { { }		July 1857	10 10	2 1	M M	1.00 1.12	**	44	
Average	10	3	М	1. 04	**	41		Average	10	. 3	M	1.04		66	
Jan. 1856	10 10	2 1.	M M	1.00 1.12	6 B	66 66		Jan. 1858	10 10	3	M M	1.00 1.12	66	44	/
Average	10	3	M	1.04		11		Average	10	4	M	1.03	14	11	
July 1856	10 10	2 1	M M	1.00 1.12	44	66 46		July 1858	10 10	2	M M	1.00 1.12	66	66 64	
Average	10	3	M	1.04	**	44	Ì	Average	İō	3	M	1.04	"	66	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARY. LAND—Continued.

TEAMSTERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	rages.
Jan. 1859	10 10	2 1	M M	\$1.00 1.12	per	day.	July 1866	10 10	3 1	M M	\$1.60 1.75	per	day.
Average	10	3	M	1.04	6.6	4.6	A.verage	10	4	М	1.631	**	**
July 1859	10 10	2 1	M M	1.00 1.12	46	44	Jan. 1867	10 10	3 1	M M	1.60 1.75	44	66 65
Average	10	3	M.	1.04	44	44	Average	10	4	M	1.631	44	44
Jan. 1860	10 10	3 1	M M	. 92 1. 12	"	11 11	July 1867	10 10	3 1	M M	1.60 1.75	"	44
Average	10	4	M	. 97	66	**	Average	10	4	M	1.631	44	44
July 1860	10 10	2	M M	. 92 1. 12	"	"	Jan. 1868	10 10	3 1	M M	1.60 1.75	66	44
Average	10	3	М	. 981	16		Average	10	4	M	1.633	"	44
Jan. 1861	10 10	3 1	M	. 92 1. 12	44	44	July 1868	10 10	3 1	M M	1. 60 1:75	14	44
Average	10	4	M	. 97	4.6	**	Average	10	. 4	М	1.631	"	11
July 1861	10 10	3 1	M M	. 75 1. 12	44	66	Jan. 1869	10 10	3 1	M	1. 60 1. 75	"	16°
Average	10	4	M	. 841	4.6	**	Average	10	4	M	1.633	**	"
Jan. 1862	10 10	1	M M	. 75 . 87	44	11	July 1869	10 10	3 3	M M	1. 60 1. 75	"	68 64
Average	10	2	М	. 81	4.6	4.6	Averåge	10	4	M	1.631	"	64
\mathbf{July} 1862	10 10	1 1	M M	. 83 1. 00	44	**	Jan. 1870	10 10	3 1	M M	1.60 1.75	"	11
Average	10	2	M	. 911	44	44	Average	10	4	М	1.63½	"	"
Jan. 1863	10 10	1	M M	1.00 1.25	11	66	July 1870	10 10	3 1	M	1. 60 1. 75	11	11
Average	10	2	M	1.123	6.6	11	Average	10	4	M	1. 63½	"	44
July 1863	10 10	2	M M	1. 15 1. 25	44	64 64	Jan. 1871	10 10	3 1	M M	1. 60 1. 75	14	66
Average	10	3	М	1.18	6.6	**	Average	10	4	M	1,634	**	*1
Jan. 1864	10 10	2 1	M M	1. 25 1. 33	66	44	July 1871	10 10	3 1	M M	1. 60 1. 75	££	"
Average	10	3	М	1. 271	4.6	44	Average	10	4	M	1.631	**	4. 7
J uly 1864	10 10	1 1	M M	1. 33 1. 67	44	44	Jan. 1872	10 10	3 1	M M	1.60 1.75	11	44
Average	10	2	M	1.'50	44	**	Average	10	4	M	1.63 1	16	н
Jan. 1865	10 10	8 1	M M	1.50 1.67	"	66	July 1872	10 10	8	M M	1. 60 1. 75	11	и
Average	10	4	M	1.541	**	44	Average	10	4	M	1.63½	64	61
July 1865	10 10	3 1	M M	1.60 1.75	**	**	Jan. 1873 July 1873 Jan. 1874	10 10 10	1 1 1	M M M	1. 75 1. 75 1. 75	66 66	46 46 44
A.verage	10	4	М	1, 63	**	* 4	July 1873 Jan. 1875	10 10	1	M M	1.75 1.33	44	46
Jan. 1866	10 10	3	M M	1.60 1.75	11	66	July 1875 Jan. 1876 July 1876	10 10 10	4 2	M M M	1. 33 1. 33 1. 33	66 66	66 66
Average	10	4	М	1,631	44	44	Jan. 1877	10	2	M	1.33	44	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 57, MARY-LAND—Concluded.

TEAMSTERS-Concluded.

Payroll of-	Hours per day.	Different employés	Sex.	Rate	of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.
July 1877 Jan. 1878	10 10 10	2 2	M M M	\$1.33 1.33 1.33	per	day.	July 1889	10 10	1	M M	\$1.50 1.67	per	day.
July 1878 Jan. 1879 July 1879	10 10 10	2 2 2 2 2	M M M	1. 33 1. 33 1. 33	"	66	Average	10	2	M	1.58	"	"
Jan. 1880 July 1880 Jan. 1881 July 1881	10 10 10	2 2 3	M M M	1.33 1.33 1.33	6 6 6 6	44	Jan. 1890	10 10	1 1	M M	1.50 1.67	6 E	4.6 6.6
Jan. 1882 July 1882 Jan. 1883	10 10 10 10	4 2	M M M	1.33 1.33 1.33	66 66	4 6 6 4 6 6	Average	10,	2	M	1.581	64	**
July 1883 Jan. 1884 July 1884	10 10 10 10	2 2 2 2	M M M	1. 33 1. 33 1. 33		44 44	July 1890	10 10	1	M M	1. 50 1. 67	44	44
Jan. 1885 July 1885 Jan. 1886	10 10 10	2	M M M	1. 33 1. 50 1. 50	44	41 41	Average	10	2	М	1, 58½	4.6	**
July 1886 Jan. 1887 July 1887	10 10 10	2 3 3 3 3	M M M	1.50 1.50 1.50	66 66	66	Jan. 1891	10 10	1 1	M M	1.50 1.67	66	11
Jan. 1888 July 1888	10 10	3 3	M	1.50 1.50	66	44	Average		2	M	1.581	**	41
Jan. 1889	10 10	1 1	M M	1. 50 1. 67	11	41	July 1891	10 10	1 1	M M	1. 50 1. 67	44	44
Average	10	2	М	1.58 1		46	Average	10	2	М	1. 58⅓	**	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHU-SETTS.

FOREMEN, FURNACEMEN.

July 1849	10 10	1 2	M	2. 25 2. 50	per	day.	Jan. 1862 July 1862	10 10:	1 1 1	M M M	3. 00 3. 00	per	day.
Average	10	3	м	2. 413	44	4.4	Jan. 1863 July 1863	10 10	1	M	3.00 3.00	66	6.6
Jan. 1850	10	1	м	2, 25	4.4	66	Jan. 1864 July 1864	10 10	1 1	M	3.00	44	66
Oun. 1000	10	2	M	2. 50	6.6	64	Jan. 1865	10	1	M	3, 50	6.6	6.6
Average	10	3	M	2. 411	6.6	64	July 1865 Jan. 1866	10 10	1	M	3,00	44	44
•				-			July 1866	10	1	M	3.00	4.6	4.6
July 1850	10 10	1 2	M	2. 25	66		Jan. 1867 July 1867	10 10	1 1	M	3.50 3.50	44	44
	10	. 2	MI.				Jan. 1868	10	1	M	3.50	4.4	6.6
Average	10	3	M	2.41		4.4	July 1868 Jan. 1869	10 10	1	M	3.50	44	44
Jan. 1851	10	2	м	2, 50	44	4.6	July 1869	10	1	M	3.50	44	
July 1851	10	2	M	2.50	6.6	41	Jan. 1870	10	1	M	3.50	44	44
Jan. 1852 July 1852	10 10	1 1	M	2.50	66	66	July 1870 Jan. 1871	10 10	1	M	3,50	4.	44
Jan. 1853	10	i	M	2.50	"	44	July 1871	10	1	M	3.50	1 f	44
July 1853	10	1	M	2.50		4.6	Jan. 1872	10	1	M	3.50	66	44
Jan. 1854 July 1854	10 10	1 1	M M	2.75 2.75	66	41	July 1872	10	1	M	3.50	•••	••
Jan. 1855	10	i	M	2.75	6.6	4.4	Jan. 1873	10	$\frac{2}{1}$	M	3.00	**	44
July 1855	10	1	M	2.75	66	44		10	1	M	3.50	4.6	44
Jan. 1856 July 1856	10 10	1	M	3.00	44	44	Average	10	3	M	3.16		66
Jan. 1857	10	1	M	3.00	6.6	6.6		- 1	_			66	44
July 1857 Jan. 1858	- 10 - 10	1	M	3.00	44	41	July 1873	10 10	2 1	M	3, 00	44	44
July 1858	10	1	M	3, 00	66	66	-						
Jan. 1859	10	1	M	3.00	44	44	A.verage	10	3	M	3.16	**	66
July 1859 Jan. 1860	10 10	1	M	3.00	86	44	Jan. 1874	10	1	м	3. 25	44	66
July 1860	10	1 1	М	3.00	66	44	July 1874	10	1	M	3.50	44	66
Jan. 1861	10	1	M	3.00	46	44	Jan. 1875	10	1	M	3.50	46	66
July 1861	10	1	M	3.00	66	44	July 1875	10	1	M	3, 50	**	••



METALS AND METALLIC GOODS: ESTABLISHMENT No. 58; MASSACRY. SETTS—Continued.

FOREMEN, FURNACEMEN-Concluded.

Payroll Hour per day.	Semples 48	Rate of wages.	Payroll of—	Houri per day.	Different employés.	Sex.	Rate	of wages.
Jan. 1876 Jan. 1877 July 1877 Jan. 1878 July 1878 July 1878 July 1878 Jan. 1879 July 1880 Jan. 1881	1 M 1 M 1 M 1 M 1 M 1 M 1 M	3.00 ** ** 3.00 ** ** 3.00 ** ** 3.00 ** ** 3.00 ** **	July 1881 July 1887 July 1888 Jan. 1889 July 1889 July 1890 July 1891	10 10 10	1 2 2 2 1 1 1	M M M M M M	\$3.00 3.00 3.00 3.00 3.00 3.00 3.50 3.00	per day.

FOREMEN, MACHINISTS

				FOREMEN,	MACHINIST	S.				
July 1849 Jan. 1850 July 1850 Jan. 1851	10 10 10 10	1 1 1	M M M	2.50 per day. 2.50 " " 2.50 " " 2.50 " "	Jan. 1858	10 10 10	5 2 1	M M M	2.50 per 2.75 " 3.00 "	day.
July 1851 Jan. 1852	10	1 3	M	2.50 ** **	Average	10	. 8	М	2.624 "	66
July 1852 Jan. 1853 July 1853	10 10 10	4 5 4	M M M	2.50 " " 2.50 " " 2.50 " "	July 1858	10 10 10	3 2 1	M M M	2. 50 " 2. 75 " 3. 00 "	44 44
Jan. 1854	10 10	3 1	M	2. 75 " "	Average	10	6	М	2.661 "	66
Average	10	4	M	2.561 " "	Jan. 1859	10 10	3	M M	2.50 " 2.75 "	16
July 1854	10 10	- 3 1	M	2.50 " " 2.75 " "		10	2 1	M	3.00 "	**
Average	10	4	м	2. 563 " "	Average	10	6	M	2.661 "	16
Jan. 1855	10 10	4	M M	2.50 " " " 2.75 " "	July 1859	10 10 10	$\frac{3}{2}$	M M M	2.50 " 2.75 " 3.00 "	11 16
Average	10	5	M	2.55 " "	Average	10	6	M	2.661 "	44
July 1855	10 10 10 10	4 1 1	M M M	2. 50 " " " 3. 00 " " " 3. 83½ " " "	Jan. 1860	10 10 10	1 1 2	M M M	2.50 " 2.75 " 3.00 "	66 61
Average	10	7	м	2.80 " "	Average	10	7	M	2. 68 "	44
Jan. 1856	10 10 10 10	5 2 1 1	M M M M	2. 50 " " " 2. 75 " " 3. 00 " " " 3. 83½ " " "	July 1860	10 10 10	4 1 3	M M M	2.50 " 2.75 " 3.00 "	66 64 66
A-verage	10	9	М	2.76 " "	Average	10	8	Л	2.12	
July 1856	10 10 10	4 1 2	М М	2.50 " " 2.75 " " 3.00 " "	Jan. 1861	10 10 - 10	2 I 3	M M	2.75 " 3.00 "	66 61
	10	1	<u>M</u> _	3.831	Average	10	6	M	2.70 "	
Average	10	8	М	2. 821 " "	July 1861	10 10	$\frac{2}{1}$	M	2.75	46
Jan. 1857	10 10 10 10	4 1 3 1	M M M	2.50 " " " 1	Average	10	7	M	2.82 "	
A.verage	10	9	<u>M</u>	2.841 " "	Jan. 1862	10 10	3 6 ·	M M	2.50 " 3,00 "	
Jul y 1857	10	3 2	M	2.50	Average	10	9	М	2.831 4	. 11
	10 10 10•	2 1	M M M	3. 00 " " 3. 83½ " "	July 1862	10 10	6 5	M M	2.50 °° 3,00 °°	
Average	10	8	M	2.851 " "	Average	10	11	M	2.72	

Table X11.-RATES OF WAGES FOR 52 YEARS-Continued.

METALS.AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHU-SETTS—Continued.

FOREMEN, MACHINISTS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	 Rate	of wages	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1863	10 10	8 2	M M	\$2,50 3,00	per day.	July 1868	10	1	M M	\$3.75 3.834	per	day.
Average	10	10	M	2. 60	66 69		10	4	M M	4.00	44	44
July 1863	10	8	M	2, 50	41 41		10	1	M	5.00	٠.	
3 my 1005	10	1 5	M	2, 75	** **	Average	10	8	M	4. 13₺	4.4	**
Average	10	14	M	2. 694	41 41	Jan. 1869	10 10	1 1	M	3.75 3.83≱	66	44
Jan. 1864	10	1	M	2. 75		ì	10	5 1	M M	4.00	64	**
	10 10	3 2	M	3.00	44 44	Average	10	8	м	4.0≨	44	41
Average	10	6	M	3. 12	64 34	July 1869	10	2	м	3. 75	"	44
July 1864	10	5	M	3.00	44 44		10	1	M	3.83½ 4.00	"	**
, A =========	10	. 7	M M	3. 50		Average	10	7	M	3. 904	**	44
Average Jan. 1865	10	5	M	3.00	41 44	Jan. 1870	10	2	M	3.75 3.83	44	66
Attr. Toos	10	3	M	3.50	£6 61		10	2	M	4.00	4.6	
	10	2 1	M	3. 83 4. 00	46 46	Average	10	5	М	3.861		1.6
Average		12	M	3. 41	41 41	July 1870	; 10 ; 10	1 1	M	- 3.75 3.83	44	66
July 1865	10	5	м	3, 00	68 44		. 10	1	M	4.00		
	10 10	3 1	M M	3.50 3.75	** **	Average	Ti .	3	M	3.86	**	44
	10 10	1 2	M	3, 834 4, 00	1 11 11	Jan. 1871	10 10	1 1	M	3.75 3.831		11
Average	10	12	M	3.42			10	1 8	M	4.00		
Jan. 1866	10	4	М	3.00	44 46	Average	1	1	M	3.75		
•	10 10	3	M	3, 50	46 65	July 1871	10	1 2	M	3. 83½ 4, 00	44	4.6
-	10 10	1	M	3. 834 4. 00		Average	-	4	M	3.891		44
Average	10	10	М	3.41	44 46	Jan. 1872		1	M	3.75		4.6
J uly 1866	10 10	1 1	M M	3, 75 3, 83	44 44	Diam. 1012	10	1 1	M	4.00	6 E	66
	10	2	M	4.00	44 44	Average	-	4	М	4. 131	. ,,	6.6
Average		5	- M	3. 95	., .,	July 1872		1	м	3.75	"	44
Jan. 1867	10	2	м	3.75	16 11		10	1 2	M	3.834 4.00	"	44
	10 10	1 3	M	3, 83 4, 00	11 11	Average	е 10	. 4	M	3, 89		
Average	10	6	м	3.89	46 46	Jan. 1873		1 5	M	3. 83	· "	**
July 1867	10	2	м	3.75	11 41		10	6	M	3. 97	-	
	10	1 4	M	3.83 4.00	11 11	July 1873		1	M	3. 83		66
A wave -	10	2	M	5. 00 4. 15		July 1873	10-	4	M	4.00	2 44	44
Average Jan. 1868		9	M	3.75	44 44	Average		6	M	4. 05	- 	44
van. 1005	10	1 6	MM	3. 83 4. 00		Jan. 1874		3	м	4.00	66	4.6
,	10 10 10	1 1	M	4.50	46 66		, 10 10	1	M	4. 19 4. 50	66	66
Average		10	-	4.11	- 66 66	Averag		5	M	4.14	- 44	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHU. SETTS—Continued.

FOREMEN, MACHINISTS-Concluded.

Payroll of-	Hours per day.	Different employés.	Sex.	Rate of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	7ages
July 1874	10 10 10	4 1 1	M M M	\$4.00 pe 4.19 4.50	r day.	Jan. 1882	10 10 10 10	1 1 2 1	M M M M	\$3. 35½ 3. 83½ 4. 00 4. 79	per	day,
Average	10	6	M	4, 111 "	4.6		10	· î	М	5.75		44
Jan. 1875	10 10 10	2 1 1	M M M	4.00 4.19 4.50 4.50	64	A verage July 1882	10	6 1	M	4. 29 3. 35½	11	"
Average	10	4	М	4, 17	41		10	1	M	3.75 3.831	44	66 64
July 1875	10 10	2 1	M M	4.00 4 6.39		Average	10	5	M	4.79 3.891	"	
Average	10	3	M	4. 791	41	Jan. 1883	10 10	1	M M	3.35½ 3.75	46	44
Jan. 1876	10 10	4	M M	4.00 ° 6.39 ° 6			10 10	2	Л Л	4. 00 4. 79	11	44
Average	10	5	M	4.48	6.6	Average	10	5	M	3, 98	"	41
July 1876	10 10	4 1	M M	4.00 4 5.75 4		July 1883	10 10 10	$\begin{array}{c}2\\1\\1\end{array}$	M M M	3. 19½ 3. 83½ 4. 00	**	41 11 41
Average	10	5	M	4. 35			10	1	М	4. 79	15	44
Jan. 1877	10 10	3	M	4. 00 11 5. 75		Average		5	M	3.80	66	44
Average	10	4	М	4. 431		Jan. 1884	10 10 10	1 1 1	M M M	3, 19½ 3, 83½ 4, 00	**	44
July 1877	10 10	3 1	M	4, 00 ° 5, 75 ° 6			10	i	М	4.79	5.6	46
Average	10	4	м	4. 431 "	6.6	Average	1	4	М	3. 951	44	44
Jan. 1878	10 10	3 1	M M	4. 00 5. 75		July 1884	10 10 10	2 1 2	M M M	3. 19½ 3. 83½ 4. 00	44	44
Average	10	4	м	4. 431 "	44	Average	10	5	М	3.641	44	46
July 1878	10 10	1 5	M M	3.75 4.00	• • • • • • • • • • • • • • • • • • • •	Jan. 1885 Jan. 1887 July 1887	10 10 10	2 2 2	M M M	3.75 4.00 4.00	44 44 44	16 44 54
Average	10	6	М	3, 96	44	Jan. 1888	10	ĩ	М	4.00		**
Jan. 1879	10 10	3 1	M M	4. 00 6. 39		July 1888	10 10	1	M M	4.00 4.25	44	**
Average	10	4	M	4. 591	44	Average	10	2	М	4. 121	44	44
July 1879 July 1880	10	1	M	6.39 4 4.00	6 64	Jan. 1890	10 10 10	1 1 4	M M M	3.75 4.00 4.75	16	44
A wore go	10	1 2	M	0.00		Average	. 10	6	м	4.46	44	44
Average Jan. 1881	10	2	M	4.00		July 1890	10	2 1	М	3.75 4.00	11	**
	10 10	3	M M	6. 39		Average	10	3	M	3. 831	44	44
Average	10	6	М	4.791 '		Jan. 1891	: 10	3	M	4.00	16	66
July 1881	10 10 10	2 1 2	M M M	4. 00 4 4. 79 5. 75		July 1891	10 10 10	4 3 2	M M M	3.75 4.00 5.00	16	48 48 44
▲verage	10	5	М	4. 86 '	4 44	Average	10	9	м	4.11	**	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

FOREMEN, PATTERNMAKERS.

Payroll of—	Hours per day	Different employés.	Sex.	Rate	of	wages.	Payroll of	Hours peri day.	Different employés.	Sex.	Rate	of w	ages.
Jan. 1869 July 1869 Jan. 1870 July 1870 July 1870 July 1871 Jan. 1872 July 1872 July 1873 July 1873 July 1873 July 1873	10 10 10 10 10 10 10 10 10 10	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M	\$3.50 3.50 3.50 3.50 3.50 3.75 3.75 3.75 3.75	per ***	day.	July 1880 Jan. 1881 July 1881 Jap. 1882 July 1882 Jan. 1883 July 1883 Jan. 1884 July 1885 July 1885	10 10 10 10 10 10 10 10 10 10	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M	\$3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00	per	day.
July 1874 Jan. 1875 July 1875 Jan. 1876 July 1876 July 1876 Jan. 1877 July 1877 July 1878 July 1878 July 1879 July 1879 July 1879	10	1 1 2 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M	3, 75 3, 75 3, 75 3, 75 3, 75 3, 75 3, 75 3, 75 3, 75 3, 50 3, 50	66 66 66 66 66 66	**	Jan. 1886 July 1886 Jan. 1887 July 1887 Jan. 1888 July 1889 Jan. 1899 July 1890 July 1890 July 1890 July 1890	10 10 10 10 10 10 10 10 10	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M	3. 00 3. 00 3. 00 3. 00 3. 00 3. 00 3. 00 3. 00 3. 00 3. 00 3. 00	46 48 48 46 44 44 46 46 46	66

FURNACEMEN.

	-												
July 1849	10	6	м	1. 25	per	day.	July 1853	10	1	м	1. 12	per	day.
U dry zone	10	10	M	1.33	- 11		Jan. 1854	10	1 1	\mathbf{M}	1.33	- 44	44
ļ							Jan. 1855	10	1	M	1.25	(6	4.6
Average	10	16	M	1.30	4.4		T-7-1055	10		M	1 17	66	44
_				Ì			July 1855	10 10	2	M	1. 17 1. 25		
Jan. 1850	10	1	M	1.17	4.6	4.6	li i	10	4	M	1.33		66
0	10	1	M	1.25	4.6	4.6	li i	10		144	1.00		
	- 10	8	M	1.33	4.4	44	Average	10 .	7	М	1. 271	11	"
Average	10	10	М	1.30%		64	Jan. 1856	10		м	1.17	4.6	44
22,01020	10						989. 1990	10 10	2 2	M	1.25	4.6	6.6
T 1 1050	10	,	M	1.08	4 6	4.6		10	2	M	1, 33	6.6	6.6
July 1850	10	1	M	1.121		44		10	1	M	1.45	1.4	4.6
	10	$\frac{1}{2}$	M	1. 25	44	6.6		10	1		1. 40		
	10 10	7	M	1. 33	4.6	14	Average	10	. 7	M	1.28		44
				1. 274		44	July 1856	10	2	M	1, 25	4.4	44
Average	10	11	13.1	1.2/5			Jan. 1857	10	2	M	1. 25	4.6	6.6
Jan. 1851	10	1	м	1.08	64	4.6	July 1857	10	ĩ	M	1, 25	14	6.6
0 HH. 1851	10	4	M	1.17	44	6.6	0 413 1001	10					
	10	ī	M	1. 25	4.6	6.6	Jan. 1858	10	1	M	1.20	44	6.6
	10	4	M	1. 33	4.4	44	0 442.	10	1	M	1. 25	6.6	1.6
		4		<u> </u>				10	5	M	1.45	6.6	5.6
Average	10	10	M	1.23	4.6	44					4.00	6.6	4.6
- I				-	_		Average	10	7	M	$1.38\frac{1}{2}$		"
July 1851	10	1	М	1.08	14.	. 44				м	1. 20	4.6	66
- 1	10	1	M	1.17	6.6		July 1858	10	1	M	1.20	4.6	44
	10	2	M	1.25	4.6	4.4	li :	10	1		1. 33	4.6	44
	10	8	M	1. 33	4.6	6.6		10	1 5	M	1. 33	4.4	11
A				1. 284	- 11	6.6		10	3	71	1. 40		
Average	· 10	12	IVI	1.203			Average	10	8	M	1.38	4.6	6.6
Jan. 1852	10	1	M	1.08		4.4	1		2				14
	10	3	M	1.33	44	44	Jan. 1859	10	3	M	1.33	4.6	16
	10	1	M	1.44	"	4.6		10	1	M	1. 44	•••	
Average	10	5	M	1.30	64	44	Average	10	4	M	1.351	4.6	14
ū								_1	,	3.6	1.33	46	44
July 1852	10	1	M	1.33	4.6	4.6	July 1859	10	4	M	1. 33	6.6	4.6
	10	1	M.	1.45		46		10	1	TAT	1.44		
Average	10	2	М	1.39	- "	44	Average	10	5	м	1.35	4.1	44
11.01.0g0	10	1		1.00					_	3.0	1 44	46	4.5
Jan. 1853	10	1	M	1.25		44	Jan. 1860	10	1	M	1.44		66
	10	î	M	1.45	**	4.4	i	10	1	M	1.45		
Average	10	2	M	1.35	٠,,	44	Average	-10	2	M	1.443	**	41

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACRU. SETTS—Continued:

FURNACEMEN-Continued.

of—	day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages
July 1860 Jan. 1861	10 10	1	M M	\$1. 44 1. 44	per	r day.	Jan. 1870	10 10		M M	\$1, 60 1, 75	per	day.
July 1861	10 10 10	1 1 1	M M M	1, 17 1, 33 1, 44	11	44	Average	10 10	3	М	1.70		**
Average		3	M	1. 311	44	1.6	July 1870 Jan. 1871	. 10	1 1	M	1.75 1.75	**	
Jan. 1862	10	2	м	1.17	66	44	July 1871	. 10 . 10	1 2	M M	1.60 1.75	16	46
	10		М	1.44	**	44	Average	10	3	М	1.70		44
Average	10	4	M	1.30	66	**	Jan. 1872	10 10	, 1	<u>M</u> M	1.60 1.75	**	44
July 1862	10 10 10	1 1 1	M M M	1. 17 1. 44 1. 45	66	46	Average		3	М	1.70	"	**
Average	10	3	м	1. 35 ½	+4	**	July 1872	10 10	1 4	M	1. 60 1. 75 -		
Jan. 1863	10	1	М	1.45	44	6.0	Average	10	5	М	1.72	64	64
July 1863	10 10	2 4	M M	1. 25 1. 75	46	44	Jan. 1873	10 10	1 5	M M	1.60 1.75	44	66
Average	10	6	M	1.581	4.6	64	Average	10	6	М	1.72	4.4	44
Jan. 1864	10 10 10	$\begin{smallmatrix}2\\1\\1\\1\end{smallmatrix}$	M M M	1. 25 1. 33 1. 75	44	44 44	July 1873 Jan. 1874	· 10	5 4	M M	1. 75 1. 55	44	**
Average	10	4	M	1.391		8.6		10	1	M	1.75		44
July 1864	10 10 10 10	5 7 2 4	M M M M	1. 20 1. 25 1. 33 1. 75	6 6 6 6 6 6	6.6 6.6 6.6	Average July 1874	· 10 · 10 10	5 5 1	M M M	1.59 1.55 1.75	"	44
Average		18		1. 351	4.6	66	Average	10	6	М	1.58		44
Jan. 1865	10 10	5 1	M M	1. 25 1. 75		66	Jan. 1875	10	5 2	M M	1. 55 1. 75	11	"
Average	10	6	M	1.331		**	Average	. 10	7	м	1.601	**	**
July 1865	10 10	1 1	M M	1. 10 1. 75	44	"	July 1875	10 10	1	M M	1.55 1.75	**	**
A verage	- 10	2	M	1. 42½	**	4.6	Average	10	5	M	1.59	44	44
Jan. 1866	10 10	1	M M	1. 20 1. 75	£ 8 1.4	44	Jan. 1876	10 10 10	1 3 1	M M	1. 60 1. 80 1. 85	46	44
Average	10	2	М	1.47	44	44	Awaraga	10	3 8	M	1. 90	**	16
July 1866	10	2	Я	1.75	4.5	••	Average July 1876	10	1	M	1.60		44
Jan. 1867	10 10	$\frac{1}{2}$	M M	1.45 1.75	46	44	2 44, 2010	10 10	1 3	M M	1.70 1,80	11	44
Average	10	3	M	1. 65	**	"	A	. 10	8	M	1, 90		
J uly 1867	10 10	1	M M	1. 45 1. 75	11	6.6 6.6	Average Jan. 1877	10	1	м	1. 60	**	64
Average	10	2	м	1.60	**	**		10 10	3 2	M M	1.70 1.80	11	66 66
Jan. 1868	10 10	1 1	M M	1.45 1.75	11	11	Average	10	<u>3</u>	M	1, 90	44	46
Average	10	2	м	1. 60	4.6		July 1877	10	1	м	1.60	"	16
		1				!	, ,	10	2	M	1.80	46	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHU-SETTS—Continued.

FURNACEMEN-Concluded.

Payroll of-	Hours per day.	Different employés.	Sex.	Rate	öf w	ages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1878	10 10 10	1 3 3	M M M	\$1.60 1.80 1.90	per (day.	July 1882 Jan. 1883	10 10	1 1	M M	\$1.75 1.75		day.
Average	10	7	M	1.811	**		July 1883	10 10	2 7	M M	1.75 1.80	44	66
July 1878	10	1	М	1.60	**	"	Average	10	9	M	1.79	+ 16	44
	10 10	3 3	M	1. 80 1. 90	61	••	Jan. 1884	10 10	1 4	M M	1.75 1.80	64	16
Average	10	7	М	1.811	4.4	**	Average	10	5	м	1.79	61	44
Jan. 1879	10 10 10	1 1 3	M M M	1. 60 1. 80 1. 90	6 4 6 6 6 4	14 64 41	July 1884	10 10	1 3	M M	1. 75 1. 80	44	46
Average		5	M	1. 82		41	Average		4	М	1.78		44
J uly 1879	10 10	1 2	M	1.75 1.85	44	64 66 64	Jan. 1885	10 10 10	1 1 9	M M M	1. 45 1. 60 1. 80	45	66 66
A warma dan	10	1	M	1 90	"	44	Average	10	11	M	1.75	. 4	٠٤
Average Jan. 1880	10	1	M	1.83½ 1.60	44	44	July 1885	10 10	1 6	M M	1.60 1.80	44	45
	10 10 10	1 2 3	M M M	1.75 1.85 1.90	44	6 6 6 6	Average	10	7	М	1.77	4.6	**
Average	<u> </u>	7	M	1.82	**	**	Jan. 1886	10 10	2 4	M M	1. 60 1. 80	14	44
July 1880	10	1	M.	1. 60	4.6	44	Average	10,	6	м	1. 73	44	44
	10 10	5 6	M	1.75	6.6	**	July 1886	10 10	I 4	M M	1.60 1.80	44	**
Average	İ	12	М	1.811	46	14	Average	10	5	м	1.76	46	44
Jan. 1881	10 10 10	1 1 5	M M M	1. 45 1. 65 1. 75	44	44 44 44	Jan. 1887	10 10	2	M· M	1.75 1 80	44	"
	10 10	1 3	M	1.80 1.90	6.6	44	Average	10	3	M	1.76	44	4.6
Average	10	11	М	1.76	41	"	July 1887 July 1889	10 10	2	M	1.80 1.75	4.6	**
July 1881	10 10 10 10 10	1 1 1 2 1	M M M M	1. 45 1. 65 1. 75 1. 85 1. 90	16	**	July 1890	10 10 10 10	3 1 2 3	M M M M	1.62 1.75 1.80 1.90	11 41 11	**
Average	10	6	M	1.74	**	**	Average	10	9	м	1.77		4.6
Jan. 1882	10 10	1	M M	1.70 1.75	66	44 54	Jan. 1891	10 10	1	M M	1.70 1.75	66	**
Average	10	2	M	1.72	66	** - 1	Average	10	2	М	1.72	"	6.6

LABORERS.

July 1849	10 10 10 10 10 10 10 10 10	1 2 7 4 1 1 2 2 13	M M M M M M M M M	. 60 . 62 . 75 . 83 . 87½ . 90 . 91 . 92 . 93 1. 00	66 66 64	66 65 66 66 66 66	•	Jan. 1850	10 10 10 10 10 10 10 10	1 1 1 5 6 4 12	M M M M M M M M	.75 .81 .83 .84 .90 .90 .93 1.00	44 44 44 44 44 44 44	day.
Average	-10	37	M	,88	44	44	П	Average	10	40	M	. 30		

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHU. SETTS—Continued.

LABORERS -Continued.

July 1850	day.	employés.	Sex.	Rate of wages.	of—	day.	Different employés.	Sex.	Rate	of v	vages <u>.</u>
	10 10	3 1	M M	\$0.75 per day.	July 1853- cone'd.	10 10	1 16	М	\$0.77	per	day.
	10	8	M	.83 ** **	conc u.	10	1	M	. 83	44	61
	10	1	M	. 90 " "		10	1	М	. 92	46	16
	10 10	2 2	M	. 93 11 11		10	21	М	1.00	"	**
	10	23	M	1.00 " "	Average	10	47	M	.88	66	-
Aver age	10	40	М	. 93 " "	Jan. 1854	10	5	M	. 62	46	11
Jan. 1851	10	3	M	. 60 44 44		10 10	1	M,	. 65	61	44
	10 10	$\frac{1}{2}$	M	.70 " "		. 10 10	1 17	M	. 80	44	16
	10	1	M	. 80 44 44		10	3	M	. 90	4.4	44
	10 10	10	M	.83 " "		10 10	2 3	M	. 92	16	16
,	10	$\frac{1}{2}$	M	. 92 '' ''		10	23	M	1.00	66	44
	10 10	3 24	M	. 93 '' '' 1. 00 '' ''	Average	10	56	M	. 89	66	64
Average	10	47	M	. 901 '' ''	July 1854	10	1	м	. 62	**	14
_				-	0 41, 1001	10	1	M	. 75	**	14
July 1851	10 10	2 ' 5	M	. 621 '' '' . 75 '' ''	-	10	1 2	M	.77		44
	10	2	M	. 80 ** **	1	10	17	M	. 83	66	66
	10 10	$\frac{11}{2}$	M	. 83 11 11		10 10	2 1	M M	. 90	"	46
	10	1	M	. 90 " "		10	22	M	1.00		t e
	10 10	2 3	M	.92 " "	Average	10	47	м	. 901	4.	4.6
	10	-1	M	.95 " "					_		
	10	18	M	1.00 ""	Jan. 1855	10 10	1 3	M M	. 63	44	46
Average	10	47	М	89 " "		10	1	M	. 67	66	14 14
Jan. 1852	10	2	м	.621 " "	ĺ	. 10 10	1 1	M M	. 75 . 77	44	11
- UZI 100Z	101	1	M	. 10		10	2	M	. 80	66	4
	10 10	3	M	.75 " "		10	16 1	M	. 83	66	46
	10	13	M	. 83 *** **	į	10	1	M	. 92	66	44
	10 1 0	3	M		-	. 10	19	M	1.00	**	
	10	1 1	M	. 90 '' ''	Average	. 10	46	M	. 88	66	66
	10 10	6	M	.92 " "	July 1855	10	1	м	. 62	41	44
	10	17	M	1.00 " "	5 dry 1655	, 10	1	M	. 65	64	4.6
Average	10	51		.89 " "	l	10 10	3 22	M	. 75	44	66
	1					10	2	M	. 84	64	44
July 1852	10 10	2 2	M	. 621 " " "		10	6	M	. 85 . 90	66	66
	10	3	M	. 67 " "		, 10	6	M	. 92	"	1.6
	10 10	4 16	M	.75 " "		10	23	M	1.00	4.6	14
	10	1	M	.84 " "	Average	10	65	М	. 89	6.6	44
	10	2	M	. 92 " "	- 1	-	i			44	44
	10 10	4 18	\mathbf{M}	1.00 " "	Jan. 1856	10	2 1	M M	. 65 . 75	66	66
Average	!					10	13	M	. 83	44	"
-	10	52	М	.01		10 10	1 1	M M	.84	66	16
Jan. 1853	10	1	M	. 62. 11 11		10	4	M	. 92	66	11
	10 10	1 1	M	.75 ** **		10	15	М	1.00		
	10	5	M	. 83 44 44	Average	10	37	M	. 90	4.6	"
	10 10	1 3	M M	. 92 11 11	July 1856	10	1	M	. 75	46	
1	10	3	M	. 93 44 14	2 2000	10	8	M	, 83	44	16
1	10	17	M	1.00 " "		10 10	1 1	M	. 84 . 85	44	46
Average	10	32	M	. 921 ** **		10	2	M	. 90	66	**
I 1 1080	10	5	м	. 62 ** **		10 10	4 15	M	. 92 1. 00		::
July 1853	10	1	M	.70 " "		, 10	13	111	1.00		

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHU-SETTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	rages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages
Jan. 1857	10	1	м	\$0.65	ner	day.	July1860-	10	4	м	\$0.95	ner	day
оди. 1001	10	4	M	. 75	Por	and .	cone'd.	10	13	M	1.00	Per	day.
	10	6	M	. 83	4.4	6.6	0010 4		10		1.00		
	10	2	M	.84	4.6	66	Average	10	38	M	. 901	44	4.6
	10	1	M	. 90	4.6	4.4					1		
	10	1 3	M	. 92	6.6	66	Jan. 1861	10	2	M	. 65	6.6	4.6
	10	19	M	1.00	4.6	44	0 dal. 1001	10	3	M	.75	4.6	6.6
	10	10		1.00			ll .	10	9	M	, 83	4.6	4.5
Average	10	36	M	. 911	6.6	44		10	í	m	. 85	44	4.6
Average	10	30	JAL.	. 313			[]	10	l i	M	. 90	4.4	4.4
T1 1057	10	1	M	. 65	44	6.6	1	10	5 2	M	. 92	4.6	4.5
July 1857	10	2	M	. 75	44	44		10	5	M	. 95	- 66	44
	10	7	M	. 83	44	66	11	10	13	M	1.00	44	4.6
	10	2	M	.84		66		10	1.0	347	1.00		
	10	ī	M	. 85	1.6	4.6	Average	10	40	M	. 90		44
	10	l î	M	.90	66	66	Avorage	10	18.0	341	. 00		
	10	2	M	.92	4.6	44	July 1861	10	3	M	. 62	64	4.6
	10	25	M	1.00	6.6	44	0 mly 1001	10	ĭ	M	. 65	14	4.5
	1 10	20	141	1.00				10	6	M	.75	6.6	4.4
Average	10	41	M	. 93	4.4	64		10	46	M	. 83	6.6	4.6
Average	10	41	M	. 90				10	40	M	. 91	6.6	6.6
Tam 1050	10	1	M	. 70	66	44		10	3	M	.92	* 6	16
Jan. 1858	10	7	M	.75	11	44		10	6	M	. 95	- 6	4.6
					16	44	1)	10	20	M	1.00		44
	10 -10	5 17	M	.85	46	44	H	10	20	747	1.00		
	10	2	M	.92	6.6	£ L	Average	10	88	M	. 87	66	EX
	10	4	M	1.00	14	44	Avuago	10	00		101		
	. 10	+	ML	1.00			Jan. 1862	10	3	M	. 62	41	44
A wana oo	10	36	M	. 87	44	4.6	UALL: 1002	10	1	M	.75	4.6	EX
Average	10	90	351	.01					28	M	.83	"	1.1
T1- 1050	10		20.0	0.5	6.6	44		10	20	M	.90		11
July 1858	10	1	M	. 65		44	li	10	3	M	.92	66	
	10	2	M	. 70	66	44	li .	10	7	M	.95	"	4.6
	10	6	M	. 75		44		10 10	16	M	1.00	66	11
	10	2	M	. 83	66	66	1	10	10	ALL.	1.00		
	10	4	M	. 85	44	44	A	10	60	M	.881		4.6
	10	12	M	.90	66	44	Average	10		78.1	.003		
	10	2	M	. 92	**	**	Tola 1060	10	3	м	.75	"	
4	10		34	201	4.6	44	July 1862	10	9	M	. 83	66	46
Average	10	29	M	. 831	•••	••		10 10 ·	2	M	.90	1.1	4.6
T 1050	10		24	OF.		**	1		3	M	.92	6.4	14
Jan. 1859	10	2 7	M	. 65	46	44	1	10	6	M	. 95	44	54
	10		M	. 83	44	44		10 10	13	M	1.00	44	14
	10	4	M	.85	44	66	1	10	10	141	1.00		
	10	5			4.6	66	1	10	36	M	. 911		11
	10	5	M	. 92	44	**	Average	14	50		.019		
	10	3	M	1.00			T 1000	10	1	M	. 75	6.6	4.6
A	10	00	34	07	46		Jan. 1863	10	12	M	. 83	6.6	4.6
Average	10	26	M	. 87		••	1	10	3	M	. 90	6.6	6.6
T-1- 1050	100		1.5	ac.	44	66	1		2	M	.92	6.6	11
July 1859	10	3	M	. 65	44			10 10	5	M	.95	66	44
	10	1 7	M	. 80	44	**]]	10	19	M	1.00	6.6	
	10	7	M	. 83	44	"	[]	10			1 2.00		
	10	3	M	. 85	66		A =======	10	42	M	. 93	44	6.6
	10	6	M	. 90	11		Average	TÁ	***	141			
	10	4	M	. 92	16	66	Tm1= 1000	10	1	M	. 65	6.6	16
and the same	10	3	M	1.00			July 1863		3	M	.75		46
A	7.0	C=	37	0.0	66	46		10	2	M	. 83	4.6	1.4
Average	10	27	M	. 86				10	ı	M	. 90	4.6	4.6
Jan. 1860	10		37	. 62	14	**		10	i	M	.92	4.4	86
аш. 1800	10	1	M	,02	66	44	II.	10	3	M	. 95	44	44
	10	10	M	. 83	44	44	11	10	16	M	1.00	6.6	4.6
	10	3	M	- 85	46	44		10	10	TAT	1.00		
	10	7	M	. 90	44	**		10	27	M	. 934	44	46
	10	1	M	. 92	44	44	Average	10	27	MI.	. 504		
	10	1	M	. 95	66	66	T 1004	100	1 .	3.5	75	4.6	4.5
	10	7	M	1.00		**	Jan. 1864	10	1 1	M	. 75	66	44
			l	-				10	1	M	. 80	44	66
Average	10	30	M	. 89	64	66		10	1	M	. 83	66	46
_	1							10	2	M	. 85	11	4.6
July 1860	10	1	M	. 62	64	44		10	3	M	. 92	4.6	44
-	10	2	M	. 75	44	**		10	1	M	. 95	66	46
	10	9	M	. 83	46	44		10	20	M	1.00		"
	10	4	M	. 85	66	44		10	1	M	1.50	•••	•••
	10	3	M	.90	4.6	46				7.5	001	- 44	4.6
	10	1 2	M	.92	66	66	Average	10	30	M	. 974	* **	

METALS AND METALLIC GOODS: ESTABLISHMENT_No. 58, MASSACHU SETTS—Continued.

					шд	оони.	wsContinue	u.					
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of -	Hours per day.	Different employés.	Sex.	Rate	of v	wages.
July 1864	10 10 10 10	2 1 3 3	M M M M	\$0.75 .83 1.00 1.50	per	r day.	Jan. 1868- conc'd.	10 10 10 10 10	1 2 12	M M M	\$1. 25 1. 33 1. 40 1. 50	per	day.
Average	10	9	М	1.09	64	11		10	3 10	M	1.60 1.75	11	13
J an. 1865	10 10 10	1 1 8	M M M	. 75° . 80 1. 00	66 66	6 6 6 6 6 6	Average July 1868	10 10 10	34	M M	1.49	11	64 66
	10 10	5	M	1.50 1.75	66	44		10	1	M	1.00	* 6	46
Average	10	14	M	1. 27	44	n,		10 10 19	1 9 2	M M M	1. 15 1. 25 1. 30	11	"
J uly 1865	10 10	2 4	M	1.00	66	41 44		10	2 8 12	M M	1.35 1.40	6 E	66 66
	10 10	3 2	M	1. 25 1. 40	66	66		10 10	1 3	M M	1.45 1.50	4.6	
	10 10	5 6	M	1.50 1.75	66	**		10 10 10	1 4 6	M M M	1. 55 1. 60 1. 75	6.6 6.6	1 E 1 E 4 E
Average	10	22	М	1.361	16	11	Average	10	51	_ <u>m</u>	1. 381	44	c t
Jan. 186 6	10 10	1 3	M M	. 90 1. 00	66	14	Jan. 1869	10	2	M	. 75	46	66
`	10 10	11	M	1. 25 1. 40	66	11	J 4441 1005	10 10	3	M M	1.00 1.10	66	44
	10	3	M	1.50	44	66		10	1	M	1.121	14	8.6 4.6
	10 10	1 5	M M	1.60 1.75	64	64		10 10	10 2	M	1. 25 1. 30	16	44
Average	10	28	M	1. 36	66	44		10 10 10	12 1	M M M	1. 35 1. 40 1. 45	16	66
July 1 866	10 10	1	M M	. 65	46	44		. 10	3	м	1. 50	44	44 44
	10	3 1	M	.75		44		10 10	$\frac{1}{2}$	M M	1.55 1.70	46	66
	10 10	$\frac{1}{2}$	M	1.00 1.164	11	44		10	4	_M	1.75	64	44
	10 10	10 5	M	1. 25 1. 40	66	64	Average	10	50	M	1.341	4.6	44
	10	8	M	1.50 1.60	11	11	July 1869	10	2	M	1.00	11	11
	10	8	M	1. 75		4.6		10 10	1	M M	1. 10 1. 15	11	11
Avera ge	10	40	М	1.351	**			10 10 10	6 5	M M M	1, 25 1, 35 1, 40	11	"
Jan. 186 ₇	10 10	1 4	M	. 62 . 75	16	4.6		10 10	2 2	M	1.42 1.50		11
	10	1	\mathbf{M}	. 80	11	66		10	3	M M	1.55	11	64 66
1	10 10	2 2	M M	1.00 1.16	4.6	4.5		10 10	2 3	M M	1.70 1.75		16
	10 10	4	M	1. 25° 1. 37	**	**	Average	10	35	М	1.39	14	££
	10 10	6 9	M	1.40 1.50	44	44			ĺ		_		
	10 10	2 10	M	1. 60 1. 75	6.6	44	Jan. 1870	10 10 10	3 1 1	M M M	1. 00 1. 10 1. 15	44	"
Average	10	42	M	1.371	6.6	**		10 10	4 6	M M	1. 25 1. 35	**	"
July 1867	10	2	M	. 75	64	11	:	10	4 2	M	1. 40 1. 50	4.6	64 64
	10 10	6 1	M	1.00 1.16½	14	46		10	1	М	1,70	11	4 E
	10 10	1 1	M M	1. 25 1. 33	11	16		10	8	М	1.75		
	10 10	10	\mathbf{M}	1.40	44	44	Average	10	30	M	1.42	16	
	10	2	M	1.60	6.6	11	July 1870	10	1	M	. 75	**	, 11
	10	11	M	1.75	6.6			10 10	7 5 6	M M	1, 00 1, 25	44	t.
Average	10	40	M	1. 411	**	**		10 10	6	M	1.35 1.40	££	**
Jan. 1868	10 10	3	M	. 75 1. 00	65	14		10 10	3	M	1. 42 1. 50	11	41

METALS AND METALLIC GOODS: ESTABLISHMENTINO. 58, MASSACHU-SETTS—Continued.

Average	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	rages.	Payroll of—	Hours per day.	Different employés	Sex.	Rate	of 1	vages.
Average 10	Tuly 1870_	10	1	м	\$1.60	per	dav.	Jan. 1874	10	1	м	\$1,50	ner	day
Average						44	"		10	í	M	1.55	- 11	44
Jan. 1871 10	A mo	10	38	м	1 37	66			10.	3	М	1.75	4.4	* *
Jan. 1871 10 4 M 1.00 11 11 10 10 4 M 1.00 11 11 10 10 10 10 10 10 10 10 10 10 1	Average	10	•	_				Average	10	52	M	1.321	4.6	**
10	Jan. 1871			M	1.00					,	3.6	7.		44
Average 10 6 M 1.50			9		1. 35			July 10/4						44
Average 10 39 M 1.40		10	7	M	1.40			H	10	1	M	1. 10		4.6
Average 10								1						44
Average 10 39 M 1.40 10 10 1 M 1.55 10 10 1 M 1.55 10 10 1 M 1.55 10 10 1 M 1.55 10 10 1 M 1.55 10 10 1 M 1.55 10 10 1 M 1.55 10 10 1 M 1.55 10 10 1 M 1.55 10 10 1 M 1.55 10 10 1 M 1.55 10 10 1 M 1.55 10 10 1 M 1.55 10 10 1 M 1.55 10 10 1 M 1.55 10 10 1 M 1.55 10 10 1 M 1.55 10 10 1 M 1.55 10 10 1 M 1.55 10 1 M 1.55 10 1 M 1.55 10 1 M 1.55 10 1 M 1.55 10 1 M 1.55 10 1 M 1.55 10 1 M 1.55 10 1 M 1.55 10 1 M 1.55 10 1 M 1.55 10 1 M 1.55 10 1 M 1.55 10 1 M 1.55 1 1 1 1 1 1 1 1 1						11	44	1		2	M			44
Average 10 37 M 1.35 4 1.0 1 M 1.55 4 July 1871 10 7 M 1.40 4 M 1.55 4 M 1.65 4 10 4 M 1.50 4 M 1.75 4 M 1.75 4 10 2 M 1.47½ 4 4 M 1.75 4 4 1.00 1 M 1.75 4 Jan. 1872 10 2 M 1.47½ 4 4 1.00 4 1.00 1 1.00 1 1.00 1 1.00 1 1.00 1 1.00 1 1.00 1 1.00 1 1.00 1 1.00 1 1.00 1 1.00 1 1.00 1 1.00 1 1.00 1 1.00 1 1.00 1 1.00 1 1.00 1				M	1 40		44			4				44
July 1871 10 7 M 1.40 11 10 5 M 1.65 11 10 1 M 1.65 11 10 2 M 1.40 11 10 2 M 1.60 11 M 1.75 11 M 1.75 11 M 1.75 11 M 1.75 11 M 1.00 11 M 1.75 11 M 1.00 11 M 1.00 11 M 1.00 11 M 1.00 11 M 1.00 11 M 1.00 11 M 1.00 11 M 1.00 11 M 1.25 11 M 1.25 11 M 1.25 11 M 1.25 11 M 1.25 11 M 1.25 11 M 1.25 11 M 1.25 11 M 1.25 11 M 1.25 11 M 1.25	Average	10	59	IXI.	1.40		•							4
Average 10 24 M 1.47½ " " Average 10 51 M 1.34 " Average 10 24 M 1.47½ " " Jan. 1872 10 1 M .75 " " 10 3 M 1.00 " " 10 1 M 1.10 " " 10 1 M 1.25 " " 10 1 M 1.30 " " 10 1 M 1.50 " "	July 1871							ll.	10	1	M	1.65		44
Average 10 2 M 1.60 " " Average 10 51 M 1.34 " 1.00 " " 10	•							1.	10	5	M	1.75	11	44
Average 10					1.60			Average	10	51	M	1.34	4.6	66
Average 10			4	M	1.75	4.6	41	1			3.5	n E	44	61
Jan. 1872 10	Average	10	24	м	1.474	44	66	Jan. 1875		8	M	1.00	4.6	
Average 10 33 M 1.00			t					İ	10	2	M	1.10		
10	Jan. 1872	10						1		29				
10				M	1.10				10	3	M	1.40		
10		10			1. 25					5				6.6
10			18		1. 35					2	M			61
Average 10 33 M 1.38 " " July 1875 10 61 M 1.32½ " July 1872 10 33 M 1.38 " " 10 6 M 1.00 " " 10 6 M 1.00 " " 10 10 1 M 1.25 " " 10 10 8 M 1.45 " " 10 2 M 1.5		10	8	M	1.40					6	M		1.1	4.6
Average 10			5		1.50			A worn or	10	61	M	1 391	44	4.6
Average 10 33 M 1.38 " " July 1875 10 4 M 1.00 " 10 10 1 M 1.20 " 10 10 7 M 1.25 " " 10 10 3 M 1.35 " " 10 10 10 11 M 1.40 " 10 10 10 10 10 10 10 10 10 10 10 10 10						4.6	64	11	10		1	-		
Average 10 3 M				3.5	1 00	,		July 1875						66
Average 10 50 M 1.36½ " " Average 10 44 M 1.25½ " " Average 10 2 M 1.60 " " Average 10 3 M 1.45 " " Average 10 3 M 1.55 " " Average 10 3 M 1.55 " " Average 10 3 M 1.55 " " Average 10 3 M 1.55 " " Average 10 3 M 1.55 " " Average 10 3 M 1.55 " " Average 10 3 M 1.55 " " Average 10 3 M 1.55 " " Average 10 3 M 1.55 " " Average 10 3 M 1.55 " " Average 10 3 M 1.55 " " Average 10 3 M 1.55 " " Average 10 3 M 1.55 " " Average 10 3 M 1.55 " " Average 10 3 M 1.55 " " M 1.75 " " Average 10 3 M 1.55 " " M 1.55 " " M 1.55 " M 1.75 " " Average 10 3 M 1.55 " " M 1.55 " M	Average	10	33	M.	1. 55		••			1 1				44
Average 10 50 M 1.36½ " " Average 10 44 M 1.28½ " " Average 10 10 1 M 1.35 " " Average 10 1 M 1.40 " 1 M 1.50 " " Average 10 1 M 1.50 " " Average 10 1 M 1.50 " " Average 10 1 M 1.50 " " Average 10 1 M 1.50 " " Average 10 1 M 1.50 " " Average 10 1 M 1.50 " " Average 10 1 M 1.50 " " Average 10 1 M 1.25 " "	July 1872							`	10	2		1.25		11
Average 10	-			M										66
Average 10 50 M 1.36½ " " Average 10 44 M 1.28½ " Average 10 50 M 1.36½ " " Jan. 1876 10 6 M 1.00 " Jan. 1873 10 3 M 7.5 " " 10 2 M 1.25 " " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.75 " 10 10 10 M 1.75 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 M 1.25 " 10 10 M 1.25 " 10 M 1.20 " 10 M 1.25 " 10 M 1.20 " 10 M 1.20 " 10 M			3						10	3	M	1.45		6.6
Average 10 50 M 1.36½ " " Average 10 44 M 1.28½ " Jan. 1873 10 3 M .75 " " 10 10 8 M 1.10 " 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 M 1.25 " 10 10 10 M 1.2			8											66
Average 10 5 M 1.75 " " Average 10 44 M 1.28½ " Jan. 1873 10 3 M .75 " " 10 10 8 M 1.10 " 10 10 8 M 1.25 " 10 10 10 M 1.35 " 10 10 10 M 1.35 " 10 10 10 M 1.35 " 10 10 10 M 1.45 " 10 10 10 M 1.75 " 10 10 10 M 1.75 " 10 10 10 M 1.75 " 10 10 10 M 1.75 " 10 10 10 M 1.75 " 10 10 10 M 1.75 " 10 10 10 M 1.75 " 10 10 10 M 1.75 " 10 10 10 M 1.75 " 10 10 10 M 1.75 " 10 10 10 M 1.75 " 10 10 M 1.75 " 10 10 M 1.75 " 10 10 M 1.75 " 10 10 M 1.75 " 10 M 1.75 " 10 M 1.75 " 10 M 1.75 " 10 M 1.75 " 10 M 1.75 " 10 M 1.75 " 10 M 1.75 " 10 M 1.75 " 10 M 1.75 " 10 M 1.75 " 10 M 1.75 " 10 M 1.75 " 10 M 1.75 " 10 M 1.75 " 10 M 1.75 " 10 M 1.75 " 10 M 1.25 " 10 M 1.75 "						44	**		10		-			
Average 10 35 M 1.39½ " " July 1876 10 7 M 1.00 " " Average 10 35 M 1.50 " " July 1873 10 2 M 1.00 " " " July 1873 10 3 M 1.55 " " " Average 10 34 M 1.60 " " July 1876 10 2 M 1.55 " " July 1873 10 2 M 1.60 " " July 1873 10 2 M 1.55 " " July 1873 10 3 M 1.55 " " July 1873 10 3 M 1.55 " " July 1873 10 3 M 1.55 " " July 1873 10 3 M 1.55 " " July 1875 10 3 M 1.55 " " July 1875 10 3 M 1.55 " " July 1875 10 3 M 1.55 " July 1875		10				66	**	Average	10	44	M	1. 281		4.6
Jan. 1873 10 3 M .75 10 8 M 1.10 11 0 10 2 M 1.25 11 0 10 3 M 1.25 11 0 10 10 M 1.25 11 0 10 3 M 1.40 11 0 10 3 M 1.45 11 0 10 3 M 1.25 11 0 10 3 M 1.25 11 0 10 3 M 1.25 11 10 3 M 1.25 11 0 10 3 M 1.25 11 0 10 3 M 1.25 11 0 10 M 1.25 11 0 10 3 M 1.25 11 0 3 M 1.25	A versue	10	50	M	1.361		46	Jan. 1876	10	6	M	1.00		4.6
Average 10 35 M 1.39½ " " Average 10 44 M 1.29 " Average 10 35 M 1.39½ " " July 1876 10 7 M 1.00 " 10 5 M 1.00 " " 10 10 M 1.25 " 10 10 14 M 1.50 " " 10 10 M 1.25 " 10 10 12 M 1.25 " " 10 10 M 1.25 " Average 10 34 M 1.25 " " Average 10 M 1.35 " Average 10 14 M 1.60 " " 10 M 1.25 " 10 15 M 1.39½ " " July 1876 10 7 M 1.00 " 10 10 M 1.25 " 10 10 M 1.25 " 10 10 M 1.25 " 10 M 1.35 " 10 10 M 1.25 " 10 M 1.35 " 10 11 M 1.60 " " 10 M 1.25 " 10 12 M 1.35 " 10 M 1.35 " M 1.35 " 10 14 M 1.60 " " 10 M 1.25 " 10 15 M 1.75 " M 1.35 " M 1.35 " 10 10 M 1.25 " M 1.35 " 10 11 M 1.35 " M 1.35 " M 1.35 " 10 12 M 1.35 "	_	10		1	'			0 4421 2010	10	! 8		1.10		66
Average 10 35 M 1.39½ " " Average 10 44 M 1.29 " July 1873 10 2 M 1.25 " " Average 10 34 M 1.45 " " 10 3 M 1.25 " " 10 3 M 1.	J an, 1873		3											66
Average 10						**	64		10	1	M	1.40		44
Average 10 35 M 1.39½ " " Average 10 44 M 1.75 " Average 10 5 M 1.00 " 10 1 M 1.29 " 10 1 M 1.55 " 1		10	l i	M	1.35					3		1.45		66
Average 10 35 M 1.39½ " " July 1876 10 7 M 1.00 " 10 10 5 M 1.15 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 M 1.25 " 10 10 M 1.25 " 10 10 M 1.25 " 10 10 M 1.25 " 10 10 M 1.25 " 10 10 M 1.25 "						64	4.6		10:					4.6
Average 10 35 M 1.39½ " " July 1876 10 7 M 1.00 " 10 1 M 1.10 " 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.25 " 10 10 10 M 1.35 " 10 10 10 M 1.35 " 10 10 10 M 1.35 " 10 10 10 M 1.35 " 10 10 M 1.25 " 10 10 M 1.25 " 10 10 M 1.25 " 10 10 M 1.25 " 10 10 M 1.35 " 10 10 M 1.35 " 10 10 M 1.35 " 10 10 M 1.35 " 10 10 M 1.35 " 10 10 M 1.35 " 10 10 M 1.35 " 10 10 M 1.35 " 10 10 M 1.35 " 10 M 1.35 " 10 M 1.55 " 10 M 1.75 " 10 M 1.35 " 10 M 1.55 " 10 M 1.75 " 10 M 1.35 " 10 M 1.25 " 10 M 1.75 " 10 M 1.35 " 10 M 1.25 " 10 M 1.75 " 10 M 1.35 " 10 M 1.25 " 10 M 1.3		10	1	M	1.60						M	1.90		44
Average 10 35 M 1.39½ 30 10 10 1 M 1.00 1 M 1.10 1 M 1.10 1 M 1.10 1 M 1.10 1 M 1.10 1 M 1.15 1 M 1.15 1 M 1.15 1 M 1.25 1 1 M 1.30 1 M 1.25 1 1 M 1.30 1 M 1.30 1 M 1.30 1 M 1.30 1 M 1.35 1 M 1.35 1 M 1.35 1 M 1.35 1 M 1.35 1 M 1.35 1 M 1.55 1 1 M 1.55 1 1 M 1.55 1 1 M 1.55 1 1 M 1.55 1 1 M 1.55 1 1 M <td></td> <td>10</td> <td>. 4</td> <td>M</td> <td>1, 75</td> <td></td> <td></td> <td>Average</td> <td>10</td> <td>44</td> <td>M</td> <td>1. 29</td> <td></td> <td></td>		10	. 4	M	1, 75			Average	10	44	M	1. 29		
July 1873 10 2 M .75 " " 10 5 M 1.15 " 10 5 M 1.15 " 10 5 M 1.15 " 10 10 10 M 1.25 " 10 10 M 1.25 " 10 2 M 1.35 " 10 2 M 1.35 " 10 1 M 1.35 " 10 4 M 1.60 " 10 1 M 1.55 " Average 10 34 M 1.41½ " Average 10 31 M 1.23½ " Jan. 1874 10 4 M .75 " " Average 10 31 M 1.23½ " Jan. 1874 10 2 M 1.00 " Jan. 1877 10 1 M 1.00 " <t< td=""><td>Average</td><td>10</td><td>35</td><td>M</td><td>1.39</td><td>- 66</td><td>6.6</td><td>July 1876</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	Average	10	35	M	1.39	- 66	6.6	July 1876						
Average 10 34 M 1.41½ " " Average 10 10 4 M 1.25 " Average 10 2 M 1.75 " Average 10 1 M 1.05 " " Average 10 1 M 1.05 " " Average 10 1 M 1.05 " " Average 10 1 M 1.00 " " Average 10 1 M 1.00 " " Average 10 1 M 1.00 " " Average 10 1 M 1.00 " " Average 10 1 M 1.00 " " Average 10 1 M 1.00 " " Average 10 1 M 1.00 " " Average 10 1 M 1.00 " " Average 10 1 M 1.00 " M 1.00 " M 1.00 " M 1.10 " M 1.00 " M 1.		Į		M	75	66								e.c
Average 10 34 M 1.41½ " " Average 10 34 M 1.41½ " " Average 10 2 M 1.00 " " Average 10 1 M 1.00 " " Average 10 1 M 1.00 " " Average 10 2 M 1.00 " " Average 10 2 M 1.00 " " Average 10 2 M 1.00 " " Average 10 2 M 1.00 " " Average 10 2 M 1.00 " " Average 10 2 M 1.00 " " Average 10 2 M 1.00 " " Average 10 2 M 1.00 " TO TO TO TO TO TO TO TO TO TO TO TO TO	out 1913					64	44		10	10	M	1. 25		
Average 10 34 M 1.41½ " " Average 10 31 M 1.23½ " Jan. 1874 10 2 M 1.00 " " Jan. 1877 10 1 M 1.00 " " Jan. 1870 10 1 M 1.00 " " Jan. 1870 10 1 M 1.15 " Jan. 1877 10 1 M 1.00 " Jan. 1870 10 1 M 1.00 " Jan. 1877 10 1 M 1.00 " Jan. 1877 10 Jan. 1878 10 J		10	3	M	1.25					2				66
Average 10 8 M 1.75 " " " " " " " " " " " " " " " " " " "		10			1.50					2				14
Average 10 34 M 1.41½ " Average 10 31 M 1.23½ " Jan. 1874 10 2 M 1.00 " " Jan. 1877 10 1 M 1.00 " 10 1 M 1.10 " " 10 2 M 1.10 " 10 1 M 1.10 " 10 2 M 1.10 " 10 5 M 1.15 " 1.00 " 1.00 "						44	4.6		10	1	M	1.55		44
Jan. 1874 10 4 M .75 " " Jan. 1877 10 1 M 1.00 " Jan. 1877 10 2 M 1.10 " Jan. 1877 10 2 M 1.10 " Jan. 1877 10 5 M 1.15 " Jan.	Average	10	34	M	1. 41		**			ļ	-			**
10 2 M 1.00 " " Jan. 1877 10 1 M 1.10 " 10 2 M 1.10 " 10 2 M 1.10 " 10 5 M 1.15 "	_			M	. 75	66	46	Average	10.	31	TYL	-	1	
10 1 M 1.10	- wars 101#	10	. 2	M	1.00			Jan. 1877						66
		10	1		1. 10					5		1. 10	4.6	4.6
10 33 M 1.35 " " 10 8 M 1.25 "				M	1.35	11	44		10	8	M	1. 25		44
10 2 M 1.40 " " 10 2 M 1.30 " 10 10 1 M 1.35 "		10	2	M	1.40			li				1, 30		44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHU. SETTS—Continued.

Payron	Hours per	Different	Sex.	Rate	n of s	wages.	Payroll	Hours per	Dinorone	Sex.	Rate	of w	vages.
of—	day.	employés.	DOM	1		goo.	of—	day.	employés.		14400	01 #	uece.
Jan. 1877- conc'd.	10 10 10	2 1 2	M M M	\$1.50 1.55 1.75	per	day,	Jan. 1880 - conc'd.	10 10 10 10	1 1 1 8	М М И И	\$1.25 1.30 1.40 1.50	per	day.
Average	10	24	М	1. 29	**	44		10	I	Ж	1,62	**	44
July 1877	10 10	1 1	M	1.00	64	66	Average	10	49	М	1.071	**	44
	10	1 6	M	1. 10 1. 15	44	66	July 1880	10	1	М	. 50	14	14
	10	5 2	M	1. 25 1. 30	44	**		10	42	M	.75	16	16
	10 10	5 2 1 2	M	1.35 1.50	44	44		10	31	M	1.00	44	11
	10 10	2 2	M	1.70 1.75	44	44		10 10	11 27	M	1. 15	46	11
Average		23	М	1.30	•	40		10 10 10	1 8 1	M M M	1.40	66	"
Jan. 1878	10	2	м	. 50	44	44		10	3	M	1.60	44	"
	10 10	1 4	M	1.00	16	"	Average	10	132	М	1.021	1.6	66
	10 10	5	M	1.10	65	44	Jan. 1881	10	13	М	, 65		46
	10	5 8 1	M	1. 25	46	**		10	4	M M M	.75	15	44
	10	1 2 2	M M M	1. 40 1. 50 1. 70	66	11		10 10 10	24 1 13	M	1.00 1.10 1.15	44	11
	10	á	M	1.75	14	44		10 10	47 5	M	1. 25	44	14
Average	10	. 33	M	1.22	66	**		10	3	м	1.50	44	44
J uly 1878	10 10	13 7	M	. 75 1. 00	66	44	Average	10	131	M	1.051	65	11
	10 10	8 7	M	1. 10 1. 15	44	" -	July 1881	10	15 41	M	, 65 . 75	11	t t
	10	12	M	1. 25 1. 30	66	4.6		10 10	13 10	M	. 90 1. 00	44	11 13
	10 10	1 1 2	M	1.35	46 64	66 66		10 10	15 38	M	1. 15 1. 25	6 E	11
	10	3 5	M	1.70 1.75	4.6	46		10	2	M	1.35	11	11
Average	10	59	M	i. 15		16		10 10	1	M	1, 50 1, 60	64	"
Jan. 1879	10 10	2 2 3	M	1.00	46	66	Average	10	137	M	. 98	44	**
	10 10	3 8	M	1.10	44	66	Jan. 1882	10 10	32 19	M	.75	11	44
	10 10	1	M	1. 25 1. 30	**	66 ~		10 10	22	M	1.00 1.10	66	46
	10 10	2	M M	1.50 1.70	44	46	1	10	8 63	M	1. 15 1. 25	£ £	11 11
	10	2	М	1.75	. "	**		10 10	7 2	M	1.35 1.40	66	11
Average	1	24	М	1.24	**	16		10	2	M	1. 45 1. 50	6.6	16
July 1879	10 10	10	M	1.00	44	66 66		10	1	M	1.65		44
	10 10 10	3 3 1	M M M	1.05	11	**	Average	F	160 26	M	1.08½		44
	10 10 10	4	M	1. 15 1. 25 1. 40	46	11	July 1882	10 10	17	M	90	**	14 III
	10 10 10	4	M	1.50 1.62	44	66		10 10 10	19 1 29	M	1.10	"	н
Average		30	M	1, 13	٠.,	**		10	32 1	M	1. 25	66 66	11
Jan. 1880	10	1	M	.50	44	44		10	4 3	M	1. 40 1. 45	**	44
	10 10	10 20	M	1.00	44	46		10	3	M	1, 50		16
	10	8	M	1.10	44	44	Average	10	135	M	1.06	**	**

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHU-SETTS—Continued.

LABORERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages
Jan. 1883	10	22	M M	\$0.75 .90	per	day.	July 1885	10 10	10 15	M M	\$1,05	per	day.
	10 10	17 27	M	1.00	64	4.5	conc'd.	10	3	M.	1, 15 1, 20	6.6	4.6
1	10	4	M	1.10	4.1	6.6		10;	20	M	1. 25	4.6	6.6
	10	25	M	1. 15	44	44	l i	10	10	M	1.35	4.4	"
-	10	57	M	1. 25	66	44		10:	3	M.	1.40	11	44
	10 10	3	M	1.35 1.40	66	11		10	1	M	1.50	•••	••
	10 10 10	3 3 2 5	M	1. 45 1. 50	6 S	**	Average	10	89	М	1. 101	11	44
Average	10	165	М	1.10	61	44	Jan. 1886	10: 10	8 2 2	M	.75	66	44
- 1		_	3.0		41.	44		10	2	M	90	44	66
July 1883	10	5 9	M	. 75	16	61		10 10	9 7	M	1.00 1.05	**	**
	10 10	9	M	1.00	+ 6	44		10.	14	M	1. 15	4.6	4.4
	10	3	M	1.10	6.6	4.5	1	10	3	M	1.20	66	44
	10	39	M	1.15	6.6	44	li l	10	21	M	1.25	44	44
,	10	17	M	1.25	4 6	41	!!	10	8 11	M	1.35 1.40	66	14 .
	10 10	11 2	M	1.35 1.40	6.6	41		10, 10	1	M	1.50	44	4.1
1	10 10	4 3	M	1.45	44	44	Average	<u> </u>	86	M	1, 15	44	**
Average	l	102	M	1. 16	**	44	July 1886	10	6	M	. 75	64	44
			1		66	4.6	li -	10	3	M	.80	66	6.6
Jan. 1884	10	24	M	.75	44	1.6		10	3 12	M	. 90 1. 00	11	4.6
	10	3 16	M	1.00	66	44	i	10	7	M	1, 05	44	44
	• 10 10	3	M	1. 10	6.6	6.6	1	10	1	M	1.10	ř.	44
•	10	27	M	1, 15	6.6	44	1	10-	16	M	1. 25		44
W.	10	24	M	1, 25 1, 30	64	44		10 10	3 2	M	1.30	× ;;	66
	10	1 6	M	1.35	44	66	H	10	4	M	1.50		11
	10	2	M	1, 40	4.6	44							
. ~	10	2 3	M	1.45 1.50	6 6 6 6	6.6 11	Average		57	M	1.10	44	44
A	10	111	M	1.08	- 44	44	Jan. 1887	10	6 2	M	.75	44	4.6
Average	10	111	144	_				10	13	M	1.00	4.6	61
July 1884	10	10	M	, 75	4.5	66		10	9	M	1.05	84	65
*	10	4	M	. 80	66	66	1	10	12 12	M	1.10 1.15	44	4.6
	10 10	18	M	1.00 1.10	66	44		10	18	M	1, 25	4.4	4.6
	10	20	M	1.15	44	6.6		10	18 2 3	M	1.35	4.4	44
	10	20	M	1. 25	6.6	**		10	8	M	1.50	44	44
	10	2	M	1.30	44	44	∥ .	10	69	м	1.11	- 66	46
	10	5 2	M	1. 35	44	44	Average	10	69	-NI	1.11	•	
	10		M	1.40	4.5	9.6	July 1887	10	6	M	. 75	16	6.6
	= 10	1 3	M	1.50	6.6	4.6	buly 100	10	3	M	, 90	66	66
	10	2	M	1.65	11	4.4		10	9	M	1.00		44
				1 7 70	- 54	44	[l	10 10	4 4 5	M	1.05	6.5	4.6
Average	10	91	M.	1.13	,-			10	5	M	1.15	5.4	4.4
Jan. 1885	10	7	м	.75	54	44		10	33	M	1.25	\$4	46
	10	7 2	M	. 80	14	46		10	3 2 3	M	1. 35	11	44
	10	1 5	M	, 90	64	4.5		10	2	M	1.40	46	**
	10	6	M	1,00	44	46		10		- 1	1.00		
	10 10	32	M	1.05	**	44	Average	10	72	M	1. 15	. "	6.6
	10	3	M	1.20	6.6	66	"	1			"	٠.,	44
	10	20	M	1. 25	44	14	Jan. 1888	10	4	M	.75	45	66
	10	2	M	1.30	14	46		10 10	16	M	1.00	66	44
	10 10	16	M M	1.35 1.40		44	il	10	3	M	1.05		64
	10		M	1. 50	6.6	46		10	3	M	1.10	66	66
	l	-			-		l)	10	2	M	1.15	44	66
Average	10	108	M	1. 17	4.6	44		10 10	35	M	1. 20 1. 25	64	44
July 1885	10	15	M	. 75	44	44		10	. 3	M	1.40	**	14
	10	1 1	M	. 80	44	11		10	3	M	1.50		
	10	3	M.	. 90									4.6

17509, pt. 2----69

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACRU. SETTS—Continued.

LABORERS-Concluded.

Different employés. 1 M 1 M 5 M 1 N 1 N 1 N 1 N 1 N	\$0.75 .80 1.00		wages.	Payroll of— Jan. 1890–	Hours per day.	employés.	Sex.			wages,
1 M 5 M 1 N 1 M	1.00	- 41	er day.	Jan. 1890-		_				
1 M 5 M 1 N 1 M	1.00	- 41	er day.	Jan. 1890-	3.0					
5 N 1 N 1 N	1.00					5	M	\$1.10	per	day.
1 N 1 N				conc'd.	10	18	M	1.25		"il"
1 N	1.05			1	10	5	М.	1.40	66	44
		11		" 1	10	3	M	1.50	**	44
		66		. !						
		44		Average	10	41	М	1.18		66
22 1					4.0	!				
				July 1890	10	12	M	1.00	44	"
				li l						**
9 100	1.50			1						44
41 34	1 001									**
41 10	1.225			}						4.6
0 74	725	4.1		11 1						**
1 1 1				{}	10	3	. M	1.50	٠.	64
				4	70	FD	M	1 04		66
22 1		44		A verage	10	26	W.	1.24	••	14
		44	4.6	Ton 1001	10	9	3.6			44
0 10	1.00			0 an. 1691						44
35 M	1 191		44	il I						44
30 1	1.103					0				11
5 TM	75		44	l} [44	**
		64							-61	`46
		4.4	. 14						66	**
		4.5	- 11						- 11	**
2 M		66	46	1					44	44
		4.4	4.6					1.00		
		44	44	Average	10	60	м	1 24	44	64
		4.6	4.6	11.0xago	10		~~	1		
		6.6	44	July 1891	10	11	м	1.00	9 (1	44
				0 41-3 1001					**	44
64 M	1.191	44	44] [44
					10 1	3	M		. 66	64
	. 75	4.6	64			7	M		14	41
2 M		4.6	66	1 1						
	1.00	4.6	46	Average	10	55	M	1.24	1.6	46
	1 M M 5 M M 1 M 1 M M 1 M M 1 M M M M M	1 M 1.45' M 1.50 41 M 1.22\frac{1}{2} 2 M .75 1 M 8.80 6 M 1.00 23 M 1.25 3 M 1.50 35 M 1.18\frac{1}{2} 5 M .75 1 M .80 9 M 1.00 3 M 1.00 3 M 1.15 29 M 1.25 6 M 1.35 5 M 1.40 4 M 1.50 64 M 1.19\frac{1}{2} 3 M 1.90	1 M 1.45 4 1.50	1 M 1.45 " " 41 M 1.22½ " " 2 M .75 " " 1 M 80 " " 6 M 1.00 " " 3 M 1.25 " " 3 M 1.50 " " 3 M 1.25 " " 41 M .80 " " 41 M 1.18½ " " 5 M .75 " " " 1 M 80 " " 9 M 1.00 " " " 2 M 1.15 " " " 2 M 1.15 " " " 6 M 1.35 " " " 4 M 1.50 " " 4 M 1.50 " " 4 M 1.50 " " 5 M 1.40 " " " 4 M 1.50 " " 6 M 1.35 " " " 6 M 1.35 " " " 7 M 1.40 " " " 8 M 1.50 " " "	1 M 1.45 " " 1.50 " " 2 M 7.5 " " 1 M 80 " " 1 M 80 " " 2 M 1.25 " " 2 M 1.50 " " 3 M 1.50 " " 3 M 1.50 " " 41 M 80 " " 41 M 80 " " 41 M 80 " " 42 M 1.50 " " 42 M 1.50 " " 44 M 1.50 " " 44 M 1.50 " " 4 M 1.19½ " " 4 M 1.19½ " " 4 M 1.19½ " " 5 M 1.19½ " " 4 M 1.19½ " " 6 M 1.19½ " " 7 M 1.19½ " " 8 M 1.19½ " " 9 M 1.19½ " "	1 M 1.45 " " 10 10 10 10 10 10 10 10 10 10 10 10 10	1 M 1.45 " " " " " " " " " " " " " " " " " " "	1 M 1.45 10 6 M 41 M 1.50 10 10 3 M 2 M .75 10 3 M 1 M .80 10 3 M 6 M 1.00 Average 10 58 M 23 M 1.55 Jan. 1891 10 2 M 35 M 1.18½ 10 2 M 5 M .75 10 36 M 1 M 80 10 36 M 9 M 1.00 10 36 M 1 M 80 10 36 M 9 M 1.00 10 4 M 29 M 1.25 10 3 M 29 M 1.25 Average 10 60 M 4 M 1.50 July 1891 10 11	1 M 1.45 """ 1.0 26 M 1.20 41 M 1.22½ """ 10 3 M 1.25 41 M 1.22½ """ 10 7 M 1.45 2 M .75 """ 10 7 M 1.45 1 M 80 """ L 10 3 M 1.50 23 M 1.20 """ Average 10 58 M 1.24 23 M 1.50 """ Jan. 1891 10 2 M .75 35 M 1.18½ """ Jan. 1891 10 2 M .75 35 M 1.18½ """ Jan. 1891 10 2 M .75 1 M .80 """ Jan. 1891 10 2 M .10 3 M 1.25 1	1 M 1.45 """ """ 10 6 M 1.20 "" 10 26 M 1.20 "" 10 3 M 1.25 "" 10 3 M 1.25 "" 10 7 M 1.45 "" 10 7 M 1.45 "" 10 3 M 1.45 "" 10 3 M 1.45 "" 10 3 M 1.45 "" 10 3 M 1.50 "" 10 3 M 1.50 "" 10 3 M 1.50 "" 10 3 M 1.50 "" 10 3 M 1.50 "" 10 10 3 M 1.50 "" 10

MACHINISTS.

				-									
July 1849	10 10	8 11	M M	1. 42 1. 50	per	day.	Jan. 1851- cone d.	10 10	2 3	M	1. 62½ 1. 66½	per	day.
	10	3	m	1. 54	4.6	6.6	cone u.	10	4	M	1.75	14	**
	10	4	M	1.581	44	64	H	10	7	M	2.00	16	14
i	. 10	i	M	1.66	4.4	4.6		10	•	, ALL	2.00		_
	10	Ĝ	M	1. 75	- 11	14	Average	10	39	М	1. 61	14	11
	10	š	M	2.00	- 44	6.6	Lavorage	10	00		1.01		
1				2,00			July 1851	10	2	М	1.41%	44	44
▲verage	10	36	M	1.581	4.4	6.6	0 013 1001	10	ĩ	M	1.45	4.6	46
	20	00		1,000			- 1	10	15	M	1.50	41	41
Jan. 1850	10	5	M	1.42	14	1.1		10	1 1	M	1.581	11	44
- Hall 2000	10	13	M .	1.50	4.6	6.6	i i	10	i	- M	1.66	11	11
	10	2	M	1.58	44	4.4	- }	10	4	M	1.75	**	4.6
	10	1	M	1. 661	6.6	4.6	11	10	6	M	2.00	44	6.6
	10	5	M	1.75	4.6	6.6	11	_ 10		101	2.00		
	10	5	M	2.00	44	44	Average	10	30	M	1.631	**	64
Average	10	31	M	1.62	66	44	Jan. 1852	10	4	м	1.37	64	44
-				İ		-		10	2	M	1.40	14	4.6
July 1850	10	6	M	1.412	4.6	4.4		10	2 5	M	1.411	44	8.6
,	10	12	M	1.50	6.6	4.1	11	10	36	M	1.50	- 66	44
,	10	1	\mathbf{M}	1.58		4.6	1	10	3	M	1.584	6.6	41
1	10	4	M	1. 66%	14	8.6	!!	10	4	M	1.62	**	64
	10	6	M	1.75	~ 4	8.6	il .	10	6	M	1.661	6.6	4.6
	10	2	M	1.871	4.4	4.6		10	_ 13	M	1.75	6.6	44 .
	10	5	M	2.00	6.6	1.5	-	10	9	M	2.00	41	4.6
Average	10	36	M	1. 64	44	44	Average	10	82	- _M	1, 60	41	41
_								10	""	-12	1.00		
Jan. 1851	10	1	M	1.371	4.4	44	July 1852	10	1	M	1.371	**	44
	10	10	M	1. 41	44	44	1 3 1002	10	5	M	1.41	44	44
- 1	10	12	\mathbf{M}	1.50	44	4.6	ll .	10	33	M	1.50	66	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHUSETTS—Continued.

MACHINISTS -Continued.

									•
Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employes.	Sex.	Rate of wages.
July 1852- cone'd.	10 10 10 10 10 10	3 3 4 12 1 1	M M M M M	\$1. 58½ per day. 1. 66½ " " 1. 66½ " " 1. 75 " " 1. 98 " " 2. 00 " "	July 1855– cone'd.	10 10 10 10 10 10	. 18 5 5 15 12	M M M M M	\$1 50 per day, 1.583
Average	10	74	M	1.64 " "		10 10 10	3 2 1	M M M	1.83 " " 1.90 " " 1.92 " "
Jan. 1853	.10 .10	. 1	M M	1.40 " " " 1.41½ " "		10	5	M	2.00 " "
	10 10 10	31 4 4	M M M	1.50° " " " 1.58½ " " 1.62½ " " "	Average Jan. 1856	10	70	M M	1.40 " "
	10 10 10 10 10	6 11 1 6	M M M M	1. 66½ " " " " 1. 75 " " " " " " " " " " " " " " " " " "	JRE. 1650	10 10 10 10	. 16 . 7	M M M	1. 42 " " " 1. 50 " " " 1. 58½ " " " " 1. 62 " " " " 1. 67 " " "
Average	10	66	М	1.61		10 10 10	11 10	M M M	1.75 " " " 1.80 " "
July 1853	10 10 10 -10	1 24 4 7	M M M M	1. 42 " " 1. 50 " " 1. 58½ " " " 1. 66½ " " " 1. 75 " " "	f	10 10 10 10	1 7 2 1 7	M M M M	1.83 " " 1. 1.90 " " 1. 1.92 " " 1. 2.00 " "
	-10 10	14	M M	1.75 " " 1.87½ " " 1.90 " "	Average	10	74	М	1. 67 ""
Average	10	59	M	1.65½ " "	July 1856	10 10 10	1 1 8	M M M	1.40 " " 1.42 " " 1.50 " " 1.581 " "
Jan. 1854	10 10 10 10 10 10 10	1 3 21 2 4 11 15	M M M M M M M	1. 871 " " 1. 40" " " 1. 42" " " " 1. 50 " " " " 1. 58½ " " " " 1. 66½ " " " 1. 66½ " " " 1. 75" " " " " " " " " " " " " " " " " " "		10 10 10 10 10 10 10 10 10	8 2 1 6 8 3 5 2 1 1 1 1 1 1 1 1	M M M M M M M M	1.58½ "" " 1.60" "" "" 1.80" "" "" 1.80 "" "" 1.83 "" "" 1.90 "" "" 1.92 "" "" 2.00 "" ""
	10 10 10	1 8	M	1. 83½ " " 1. 90 " " 2. 00 " "	Average Jan. 1857	10	; 49 1	М	1.75\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Average July 1854	10 10 10 10 10 10 10 10 10	1 12 13 5 2 7	M M M M M M M M	1. 65½ " " 1. 42 " " 1. 50 " " 1. 58½ " " 1. 66½ " " 1. 66½ " " 1. 75 " " 1. 83½ " " 1. 90 " " 2. 00 " "	Jan. 1837	10 10 10 10 10 10 10 10 10 10 10	1 15 9 1 6 11 11 12 3	M M M M M M M M M	1. 42 " " " 1. 550 " " " 1. 550 " " " 1. 60 " " " 1. 60 " " " 1. 62 " " " 1. 67 " " " 1. 75 " " " " 1. 75 " " " " 1. 90 " " " " 1. 90 " " " 1. 92 " " " 2. 00 " " " "
A women	10		_		Average	e 10	81	М	1.70%
Average Jan. 1855	10 10 10	2	M	1.40 44	July 1857	10 10	5	M	1. 40 " " 1. 42 " 1. 45 " " 1. 50 " " "
	10 10 10 10 10 10 10	14 13 14 13 14 13	M M M M M M M	1.58½ " " " 1.66½ " " " 1.75 " " " " 1.83½ " " " " 1.83½ " " " " 1.87½ " " " " 1.90" " " " " " " " " " " " " " " " " " "		10 10 10 10 10 10 10 10	3 2 4 12 2 14 3 1	M M M M M M M M M	1.581 " " " 1.60 " "
Average	10	68	M	1.701 "		10 10 10	- 6	M	1.90
July 1855	10			1.40 " " " 1.42	Averag	-		M	1.73 " "

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHU. SETTS—Continued.

MACHINISTS-Continued.

Payroll of	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of w	rages.
J an. 1858	10 10	1 7	M M M	\$1.38 1.40 1.42	per d	lay.	July 1860	10 10 10	4 18 4	M M M	\$1.42 1.50 1.58	per	day.
	10 10	7 8 1	M	1.50	4.6			10	5	М	1.60	"	66
	10	ī	M	. 1. 55	44	44 .		10	5	M	1.62	11	14
	10 10	1	M	1.58½ 1.60	11			10 10	1 7	M	1.65 1.67	"	44
	10	3	M	1.65	4.6	"		10	17	M	1.75	**	66
	10.	1	M	1.70 1.75	44	11		10	1	M	1.83 1.90		44
	10 10	12	M	1. 75	16	14		10 10	2 2	M	1. 92	11	11
	10	3	M	1.85	44	11		10	10	M	2.00	1.6	11
	10 10 10	9 3 1 12 2 3 1 2 3	M M M	1.90 1.92 2.00	46	44	Average	10	, 74	М	1.68		**
Avērage	10	61	M	1. 621	ιι	" "	Jan. 1861	10 10	3 19	M M	1.42 1.50	6 5 6 5	66 65
July 1858	10	1	M	1.38	6.6	ıt.		10 10	$\frac{1}{2}$	M	1.58 1.60	11	14
•	10 10	3	M	1.40 1.42	14	11		10	1	M	1.62	11	4600
	10	11	M	1.50	e t	**		10 10	13	M	1. 65 1. 67	6.6	11
	10	6	M	1.60	64	"		10	20	M	1.75	4.6	4.6
	10 10	3	M	1.65 1.67	66			10	1	M	1.90		16
	10	3	M	1.70	66	11		10 10	5 15	M	1. 92 2. 00		u
	10 10	6 2 3 3 4 3 1	M	1.75	1.6	14	A ======		81	M	1.71	11	11
	10	1	M M	1.90 1.92	4.6	66	Average	10	01	74.5	1. (17		
	10	1 2	M	2.00	66	41	July 1861	10	5	M	1. 42 1. 50	14	ę t
	7.0	·	35	1. 611		46		10	33	M	1.50 1.58	**	66
Average	10	44	M	1. 01%				10 10	1	M	1.60	"	
Jan. 1859	10	1	M	1.42	44	66		10 10	5 1 5 17 27	M	1.62	11	**
	10 10	1 13	M	1. 45 1. 50	44	14		10 10	27	M	1.67 1.75	4.4	. 1
	10	4	M	1. 58	44	"		10	3 1	M	1.83	4 6 F 6	16
	10 10	1 1	M	1.60		**		10 10	4	M	1.90 1.92	44	44
	10	2	M	1, 67	44	46		10	4 13	M	2.00	11	14
	10 10	1 1	M	1.75	66	66	Average	10	_ 114	M	1.67		LL
	10	5 1 2 4 1 3 6	M	1.90	64	"	Liverage	10	,			,	
	10 10	6	M	2.00 2.25	44	11	Jan. 1862	10	1	M	1.40	11	16
			-					10	1 26	M	1.42 1.50	16	44
A.verage	10	42	M	1.67	44	16		10	3	M	1.58	66	
July 1859	10	1	M	1.42	44	41		10	1 7	M	1, 60 1, 62	"	"
•	10 10	1 1	M	1.45 1.50	11	"		10	17	M	1.67	4.6	"
	10	12 5	\mathbf{M}	1.58	**	44	}	10	26 6	M	1.75 1.83	66	16
	10	5	M	1.60	4.6	11		10 10	1	M	1.90	4.6	4.6
	10 10	1 2	M	1.65 1.67	"	"		10	. 3	M	1.92	44	46
	10	4	M	1.75	4.6	66		10 10	12	M	2.00 2.12		14
	10	4 1 3 3	M	1.80	66	66	i	10	1	M	2.17	44	66
	10 10 10	3	M	1.92	4.4	4.6		10	4	M	2. 25	. "	••
	10 10	5	M	2.00 2.25	44	66	Average	10	110	M	1. 72	"	££
Average		44	M	1. 69	66	11	July 1862	10 10	1 16	M M	1.37 1.50	46	46 64
Jan. - 1860		12	M	1.42	44	66		10	3 13	M	1. 62 1. 67		
	10	12	M	1.50 1.58	44	4.6		10 10	23	M	1.75	6.6	44
	1 10	3	M	1.60 1.67 1.75	44	46		10	23 5	M	1.83	66	44
	10	2 7	M	1. 75	44	44		10 10	1 5	M	1.90 1.92	44	66
	10	3	M	1.90	44	44		10	10	M	2.00		46
	10 10	2 3 2 7 3 2 8	M	1. 92 2. 00	44	44		10 10	1 2	M	2. 12	1	44
	10	1	M	2. 25	4.6			10	1	M	2. 25	44.1	16
Average	10	42	М	1.72	- 66	66	Average	10	<u>81</u>	М	1.75	"	tt.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHU-SETTS---Continued.

MACHINISTS-Continued.

Payroll of-	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wage	8.
Jan. 1863	10 10 10 10	1 2 15 2 6	M M M M	\$1.40 per day. 1.42 " " 1.50 " " 1.58 " " 1.67 " "	Jan. 1865- conc'd.	10 10 10 10 10	3 1 24 13 1	M M M M	\$2.33 2.38 2.50 2.75 2.87	per day	•
•	10 10 10	29 2 1	M M M	1.83 " " 1.90 " "	Average	10	78	М	2. 34	61 61	
	10 10 10 10 10	1 1 8 6 4	M M M M	1. 92	July 1865	10 10 10 10	1 1 9 28 2	M M M M	1. 58 1. 62 2. 00 2. 25 2. 33	16 66 14 46 16 46 18 61 16 61	
Average		78	M	1.77 ** **		10 10 10	1 1 21	M M M	2.37 2.38 2.50	66 66	
July 1863	10 10 10 10	1 2 13 1	M M M	1. 40 " " 1. 42 " . " 1. 50 " " 1. 58 " " "		10 10 10	11 11 1	M M M	2. 65 2. 75 2. 87	64 66 64 66	
	10 10 10	2 2 2	M M M	1. 60 " " " 1. 62 " " 1. 67 " " "	Average	10	. 77	M	2. 36	46 64	
	10 10 10 10 10 10 10	1 14 4 2 1 5 17 3	M M M M M M M	1. 70	Jan. 1866	10 10 10 10 10 10 10 10	1 11 11 19 4 1 26 22 1	M M M M M M M M	1. 58 1. 62 2. 00 2. 25 2. 33 2. 37 2. 50 2. 75 2. 87	15 64 15 64 15 44 44 64 45 '66 65 64 45 46	
Average		70	M	1.771 " "	Average	10	86	М	2.42	46 46	,
Jan. 1864	10 10 10 10 10 10 10 10 10 10 10	2 1 16 2 2 2 1 37 4 17 1 18	M M M M M M M M M M M	1.42 " " 1.60 " " 1.67 " " " 1.75 " " " 1.83 " " 1.87 " " 1.92 " " 1.25 " " 1.25 " " 1.25 " " 1.25 " " 1.25 " " " 1.25 " " " 1.25 " " " 1.25 " " " 1.25 " " " 1.25 " " " 1.25 " " " 1.25 " " " " 1.25 " " 1.25 " " " 1.25 " "	July 1866	10 10 10 10 10 10 10 10 10 10 10 10	13 1 15 3 28 28 1 2 17 13 1	M M M M M M M M M M	2. 00 2. 12 2. 25 2. 33 2. 37 2. 50 2. 65 2. 67 2. 75 3. 00 3. 25 3. 50	65	
Average	10	112	М	2.06	Average		98	М	2.511	** **	
July 1864	10 10 10 10 10 10 10 10 10 10 10 10 10 1	2 3 1 4 3 3 12 1 13 4 4 30 0 2 1 1 1 2 3	M M M M M M M M M M	1.40 " " " 1.42 " " " 1.58 " " " 1.58 " " " 1.62 " " " 1.75 " " " 1.87 " " " 1.87 " " " 1.25 " " " 1.25 " " " 1.25 " " " 1.25 " " " 1.25 " " " 1.25 " " " 1.25 " " " 1.25 " " " 1.25 " " " 1.25 " " " 1.25 " " " 1.25 " " " 1.25 " " " 1.25 " " " 1.25 " " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " 1.25 " " " " " 1.25 " " " " " 1.25 " " " " " 1.25 " " " " " 1.25 " " " " " 1.25 " " " " 1.25 " " " " " " 1.25 " " " " " " " 1.25 " " " " " " " 1.25 " " " " " " 1.25 " " " " " " " 1.25 " " " " " " " 1.25 " " " " " " " 1.25 " " " " " " " " " " " " " " " " " " "	Jan. 1867	10 10 10 10 10 10 10 10 10 10 10 10 10	9 1 1 222 3 34 1 2 16 16 3 3 2	M M M M M M M M M M M	2. 00 2. 10 2. 12 2. 25 2. 33 2. 37 2. 50 2. 65 2. 67 2. 75 3. 00 3. 25 3. 50	66 66 66 66 66 66 66 66 66 66 66 66 66	
	10	6	<u>M</u>	2.75 " "	Average	1	113	M	2.541		
Average Jan. 1865	10 10 10 10 10 10 10	106 1 2 2 2 1 1 9 20	M M M M M M M	2. 15½ " " 1. 42 " " 1. 60 " " 1. 67 " " 1. 83 " " 2. 00 " " 2. 25 " "	July 1867	10 10 10 10 10 10 10 10	27 2 20	M M M M M M M M	2. 00 2. 10 2. 25 2. 33 2. 37 2. 50 2. 67 2. 75 3. 00	16 66 64 4- 64 46 66 46 66 46 66 46	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHU. SETTS—Continued.

MACHINISTS-Continued?

-	Danna		=:	1	-		i	Hours			1		
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	per day.	Different employés.	Sex.	Rate	of wa	ges.
July 1867- cone'd.	10 10	2 2	M M	\$3. 25 3. 50	per	day.	Jan. 1870- cone'd.	10 10 10	14 1 1	M M M	\$2.50 2.60 2.67	per da	у.
Average	10	103	M	2.561	4.4	**		10	4	M	2. 70	11: 44	
Jan. 1868	10	10	M	2.00		"		10 10	14 1	M	2. 75 2. 87		
	10 10	2 13	M	2. 10 2. 25	44	4.6		10	16 1	M M	3. 00 3. 25	11 11	
	10 10	2	M	2, 33 2, 37	66	11		10	3	М	3, 50		
	10 10	29 2	M	$\begin{array}{c} 2.50 \\ 2.67 \end{array}$	44	66	Average	10	75	M	2.64	44 44	
	10	17	M	2.75 2.85	44	**	July 1870	10 10	6	M	2.00	11 11	
	10	15	M	3.00	11	44		10	17	M	2. 10 2. 25	14 11	
	10	2	M	3, 50				10 10	1	M	2. 35	44 44	
Average	10	94	M	2.55	"	**		10 10	18 1	M	2, 50 2, 62	64 64	
July 1868	10 10	17	M	2.00 $2.12\frac{1}{2}$	66	66		10 10	2	M	2, 67 2, 70	44 46	
	10	2	M.	2. 15	- 66	66		10	2 2 8 6	M	2.75	11 11	
	10	•17	M	2.25 2.37		6.6	1	10 10	1	M M	3.00 3.25	46 46	
	10 10	17	M	2.50 2.67	66	44	: '	10	3	M	3.50	44	
	10 10	12 13	M	2.75 3.00	6.6	44	A.verage	10	67	M	2, 52	45 41	
	10	2	M	3. 25		44	Jan. 1871	10	4	M	2.00	66 66	
				1	1.5	61		10 10	12	M M	2. 10 2. 25	65 64	
Average		85	M	2.48				10 10	2 1	M M	2.35 2.37	46 46	
Jan. 1869	10	16 1	M	2.00 2.15	4.6	44		10 10	1 15	M	2.40 2.50	11 11	
	10 10	17	M	2. 25 2. 37	44	66		10 10	15	M	2.75 3.00	16 46	
	10	13	M	2.50	44	11		10	8	M	3.25	46 46	
	10 10	$\frac{1}{2}$	M M	2.60 2.67		4.6		10	2	M	3. 50		
	10 10	3 14	M	2. 70 2. 75	_ 44	44	Average	10	62	M	2.571		
	10 10	1 12	M	2.87 3.00	66	14	July 1871	10 10	2 7	M M	2. 00 2. 25	44 46	
	10 10	1 2	M	3. 25 3. 50	44	66		10 10	3	M	2.35	16 16	
	<u> </u>		!		66			10	16	\mathbf{M}	2, 50	46 44	
Average		84	М	2.51		**		10 10	16 1	M M	2. 75 2. 80	** **	
July 1869	10 10	9	M M	2. 00 2. 15	66			10 10	1 6	M	2.87 3.00	46 46	
	10 10	1 18	M	2. 17 2. 25	6 6 6 6	6 L 6 A		10	3 2	M	3. 25 3. 50	11 44	
	10 10	2	M	2. 37	44	**					2.65	46 46	
	10	4 17	M	2.50	44	4.6	Average	10	58	M		44 45	
	10 10	1 1	M	2.60 2.67	66	66	Jan. 1872	10 10	6	М	2.00 2.10	66 65	
	10 10	2 24	M	2. 70 2. 75	44	44		10 10	4	M	2, 25 2, 37	65 65	
	10 10	1	M	2.87	44	64		10	26	M	2.50 2.75	46 44	
•	10	15 1	M	3.00 3.25	4.6	44		10 10	17 2	M	2.87	, s s s s s	
	10	2	M	3, 50	44			10 10	10 3	M	3.00 3.25	44 44	
Average	10	99	M	2.57	44			10	5	M	3.50		
Jan. 1870	10 10	6	M	2.00 2.12	11		Average	10	75	M	2.67	£1 £4	
1	10 10	1 1 8	M	2. 15 2. 17	4.4	4.6	July 1872	10 10	3 14	M	2.00 2.25	16 46	
	10 10	1	M	2. 25 2. 37	66	44		10 10	$\begin{array}{c} 1 \\ 21 \end{array}$	M M	2.37- 2.50	46 46	
	10	2	M	2.42	44	44	()	10	16	M	2.75	11 46	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHU-SETTS—Continued.

MACHINISTS-Continued.

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Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	vages.	Payroll of	$rac{ ext{Hours}}{ ext{day}_{ ext{f}}}$	Different employés.	Sex.	Rate	of 4	wages	١.
T-sles 1979	10	2	м	\$2.871	per	dav.	Jan. 1875-	10	2	M	\$2.35	DAT	day	
July 1872- cone d.	10	1	M	2.90		1.6	cone'd.	10	ĩ	M	2. 37	11	day,	
COLIC CI	10	17	M	3.00	11	44		10	3	M	2.40	4.6	4.6	
	10 10	2	M	3, 25 3, 40		44		10	5 13	M M	2. 45 2. 50	4.6	44	
	10	4	M	3. 50	64	4.6		10	13	M	2. 60	6.6	44	
								10	8 3	M	2, 65	4.6	6.6	
Average	10	82	M	2. 68	61	**		10	3 6	M	2. 70	66	44	
Jan. 1873	10	2	M	2, 00	6.6	14		10 10	2	M M	2.75 2.80		4.6	
9 MT 1019	iŏ	12	M	2. 25	6.6	6.6		10	1	M	3.00	6.6	44	
	10	16	M	2, 50	66	66		10	2	\mathbf{M}	3, 50	4.6	6.6	
	10	1 19	M	2. 65 2. 75		**	Average	10	59	M	2, 53	4.6	6.6	
	10	1	M	2.87	44	c i	Average	10	93	MI	2,00		-	
•	10	20	M	3.00	64	66	July 1875	10	ā	M	2.00	6.6	44	φ.
	10	1	M	3, 25	66	11	July tare	10	2	M	2. 20		66	
	10 10	2	M	3, 50	4.6	6.6	1	10	6	M	2, 25	11	" =	
								10 10	1 3	M	2. 35	11	44	
A verage	10	75	M	2.70	6.6	4.6		10	5	м	2.45	5.4	4.6	
July 1873	. 10	2	М	2, 00	4.4	6.6		10	11	M	2.50	4.6	44	
9 my 1810	10	10	M	2, 25	4.4	4.6	il	10 10	1 2	M	2.60 2.65	14	44	
	-10	1	M	2.37	64	11		10	3	M	2.70	4.6	44	
	10 10	11	M	2. 50 2. 67	64	4.6		10	1 2	M	2.75	4.4	4.4	
	10	16	M	2. 75	4.4	4.6		10		М	2.80	6.6	16	
-	16	1	M	2.87	11	14	1	10 10	1 2	M	3.00 3.50	44	**	
	10	15	M	3.00	41	**	1							
	10 10	1 2	M	3, 40	-11	4.6	Average	10	46	М	2.481	44	46	
*	10	2	M	3.50	* *	44			'					
	10		3.0	2.71		44	Jan. 1876	10	5	M	2.00	44	44	
Average	10	62	M	2.71		•-		10 10	1 2	M M	2. 15	6.4	44	
Jan. 1874	10	11	M	2.00	**	66		10	7	M	2, 25	4.1	4.4	
	. 10	1	M	2.15	**	44		10	. 3	M	2.40	66	46	
	10 10	3 7	M	2. 20 2. 25	6.6	44		10 10	5 9	M	2.45	4.1	66	
	10	i	M	2.30	4.6	64		10	5	M	2.65	6.6	1.4	
100	10	2	M	2.40	44			10	5	M	2.70	44	4.6	
. () (10 10	11 11	M	2.45 2.50	66	44	1	10 10	3 2	M M	2.75 2.80	4.4	64	
	10	2	M	2.60	44	4.6]]	10	2	M	3.00	6.6	4.6	
	10	9	M	2.65		44	1	10	1	М	3.50	4.6		
	10	3	M	2.70		41	Average	10	50	M	2.481	4.4	46	k.
	10	2 3	M	3.00	6.6	1.6	II vorage	1			D. 10g			
	10	1	M	3. 15	"		July 1876	- 10	1	M	2.05	"	4.6	
	10	2	M	3.50			5 225	10	7	M	2.10	4.6	4.6	
Average	10	69	М	2.461	4.4	4.6		10	1 2	M	2, 20 2, 25	66	66	
•	1	1	١.	-				10	3	M	2, 30	61	44	
July 1874	10	5	M	2.00	44	44		10	. 3	M	2.35	4.4	44	
	- 10 10	1 2	M	2. 15 2. 20				10	2	M	2.40	4.5	66	
	10	7	M	2, 25	"	44	1	10 10	1	M	2.50 2.75			
	10	1	M	2.37	**	44	II.	10	1	M	3.00	6.5	6.6	
	10 10	. 2	M	2. 40 2. 45	"	44	1		1	75	0.00		44	
	10	6	M	2.50		4.5	Average	10	25	M	2.32	••	**	
	10	1	M	2.60	66	"	1077	10			2.00	44	44	
	10 10	8	M	2. 65. 2. 70	4.6	64	Jan. 1877	10	7	M	2. 10	64	4.6	
	10	2	M.	2. 80	6.6	4.6	1	10	6	M	2. 25	6.6	4.6	
	10	1	M	3, 00	4.6	66	11	10	4	M	2.30	44	44	
	. 10	2	M	3, 50	4.6		1.	10	3	M	2.35	4.4		
Average	10	48	M	2.48	64	44		10	2	M	2 40	4.4	4.4	
_					66	44	1	10	3	M	9.50	66	66	
Jan. 1875	10 10	3 2	M	2.00	64	44	H	10	1	M	2.75			
	10	7	M	2. 25	66	44	Average	10	28	M	2.28	64	46	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHU. SETTS—Continued.

MACHINISTS-Continued:

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Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages,
July 1877	10 10 10 10 10 10 10 10	4 6 8 3 7 1 3 2	M M M M M M M	\$2, 00 2, 10 2, 25 2, 30 2, 35 2, 40 2, 50 2, 75	perday	July 1880	10 10 10 10 10 10 10 10	16 3 5 1 40 3 21 1 2 6	M M M M M M M	\$2.00 2.10 2.15 2.20 2.25 2.30 2.50 2.60 2.75	perday.
Average	10	34	M	2. 271	PT 81		10 10	6 2	M M	3.00 3.50	44 44
Jan. 1878	10 10 10 10	3 6 1	M M M	2. 00 2. 10 2. 20 2. 25	66 66 66 66	Average	10	101	М	2.34	LL 68
•	10 10 10 10 10 10 10 10	5 2 5 1 1 6 1 2 2	M M M M M M M	2. 30 2. 35 2. 37 2. 40 2. 50 2. 60 2. 75 3. 00	15 66 64 64 64 66 64 66 64 65 65 65 66 65 66 65	Jan. 1881	10 10 10 10 10 10 10 10	24 1 1 41 2 21 1 3	M M M M M M M M	2. 00 2. 10 2. 15 2. 25 2. 35 2. 50 2. 60 2. 75 3. 00	C4 68 C4 40 C4 60 C4 60 C4 60 C4 60 C4 60 C4 60 C4 60 C4 60 C4 60
Average	10	35	М	2.35	44 44	Average	10	103	м	2. 321	11 49
July 1878	10 10 10 10 10 10 10 10	8 4 10 3 7 1 11 11	M M M M M M M	2. 00 2. 10 2. 25 2. 30 2. 35 2. 40 2. 50 2. 60 3. 00	45 44 46 45 46 46 45 46 44 45 44 45 44 45	July 1881	10 10 10 10 10 10 10	31 1 27 29 1 6 8	M M M M M M	2. 00 2. 10 2. 25 2. 50 2. 60 2. 75 3. 00 3. 25	61 49 m 11 49 12 49 12 50 14 19 14 19 14 19 14 46 14 46 14 49
Average	10	46.	M	2, 30	44 44		, 10	1	M	3.50	14 40
Jan. 1879 ▲verage	10 10 10 10 10 10 10 10 10	5. 5. 4. 2. 4. 1. 7. 1. 2. 3.	M M M M M M M M M	2. 00 2. 10 2. 25 2. 30 2. 35 2. 40 2. 50 2. 60 2. 75 3. 00	64 64 64 64 64 64 64 64 64 64 64 64 64 6	Average Jan. 1882	10 10 10 10 10 10 10 10 10 10 10	105 33 2 2 23 50 1 8 1 8 1 6	M M M M M M M M M M	2. 35½ 2. 00 2. 10 2. 15 2. 25 2. 50 2. 60 2. 75 2. 90 3. 00 3. 25 3. 50	16 60 16 46 16 46 16 60
July 1879	10 10	6 8	M	2, 00 2, 10	44 44	Average	10	135	М	2.42	44 49
	10 10 10 10 10 10 10 10	14 5 2 1 1 1 2 1	M M M M M M M M	2. 15 2. 20 2. 25 2. 30 2. 35 2. 40 2. 50 2. 75 3. 00	66 46 61 64 65 65 64 65 65 65 66 65 66 65 66 65	July 1882	10 10 10 10 10 10 10 10	29 8 13 3 37 15 1 13 7	M M M M M M M M	2. 00 2. 15 2. 25 2. 35 2. 50 2. 75 2. 85 3. 00 3. 50	15
Average	10	44	М	2.23	44 44	Average	-	126	M	2.471	
Jan. 1880 Average	10 10 10 10 10 10 10 10	6 6 5 1 1 1 1 1 1 1 1 22	M M M M M M M	2. 00 2. 10 2. 15 2. 20 2. 25 2. 30 2. 40 3. 50	66 66 66 66 66 66 66 66 66 66 66 66 66	Jan. 1883	10 10 10 10 10 10 10 10	36 6 21 1 37 1 26 1 22	M M M M M M M	2. 00 2. 15 2. 25 2. 35 2. 50 2. 65 2. 75 2. 85 3. 00	46

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHU-SETTS—Continued.

MACHINISTS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of	Hours per day.	Different employés	Sex.	Rate	of v	vages
an. 1883- cone'd.	10 10	2 15	M M	\$3. 25 3, 50	**	day.	Jan. 1886	10 10 10	22 13 2	M M M	\$2.00 2.25 2.35	44	day.
Average.	10	168	M	2.551	6.6	44	1	, 10 10	10	M	2. 50 2. 70	**	14
fuly 1883	10 10	20	M	2.00 2.15	4.6 6.6	66		10 10	2 4	M M	2.75 3.00	6.6	44
	10	18	M	2. 25		44		10	4	M	3. 50	4.6	4.6
	10 10	11	M	2.50 2.75		44	Average	10	. 60	M	2.371	**	66
	10 10	5	M	3, 00	4.4	4.6	July 1886	10	15	M	2.00	44	44
	10 10	2 4	M	3; 25 3, 50	66	14	5 uly 1040	10	8 7	M	2. 25 2. 50		44
		76	м	2,48	4.6	4.6	 	10	1	M	2.70	66	44
Average	10	21	М	2.00		66		10 10	2 9	M	2, 75 3, 00	44	11
Jan. 1884	10	4	M	2. 15	14	64		10	3	М.	3.50		
	10 10	46 28	M	2. 25 2. 50	14	"	Average	e 10	45	M	2.47	**	44
	10	1 3	M	2. 60 2. 65	6.6	6.6	Jan. 1887	10	24	M	2.00	44	14
	10	16	M	2.75	44	44		10 10	10	M. M	2. 25 2. 40	4.6	**
	10 10	4 5	M	3. 15 3. 25	14	44	1	10 10	20	M	2, 50 2, 75	"	6.6
A rection of	ļ	140	M	2, 45		4.6		10 10	13 2	M	3.00	44	44
Average	1	24	1	2.00		4.6		10	2	Л	3. 50	44	**
July 1884	10 10	40	M	2, 15 2, 25	44	44	Averag	e 10	75	M	2.413		4.6
	10	23	M	2.30 2.50	64	44	July 1887	10	21	M	2.00	44	44
	10 10	1	M	2.60	44	66		10		M	2, 25 2, 40		4.6
	10 10	18		2. 65 2. 75	4.6	4.4		10		M	2, 50	6.6	4.6
	10 10	14	M	3, 00	44	4.6		10	5	M	3.00 3.20	44	44
	10	8	M	3. 25 3. 50	44	64		10 10 10	1	M	3. 25 3. 50	44	**
Average	e 10	139	М	2.49		44	Averag	-		_[2.40		44
Jan. 1885	10	35	M M	2.00 2.15	61	44	Jan. 1888	3 10	24		2,00	44	44
	10	22	M	2, 25 2, 35	44	66		10	7		2. 25 2, 40	11	4.4
	10	4	. M	2.40	4.6	66		10	10	M	2, 50 2, 75	44	44
	10		M	2. 50 2. 60		44		10	4	M	3, 00	44	64
	10	1	. M	2.65	66	14		10			3, 20 3, 50	11	44
	10	10) M.	2.75	44	66	Averag	-		M	2, 39	٠,	**
	10	10) M	3.00	16		-	1			2.00	44	44
	10	4	l M	3, 25	6.6	+4	July 188	- 10) 3	M	2 25 2.50	4.6	46
	10				- "		_	10) 4	. M	2, 75	11	44
Averag	е 10	141	M	2.48	**	**		10) [M	3.20	6.6	44
July 1885								10		M	3, 50	_	
	10) 2	2 M	2.35		4.6	Averag	ge 10	25	M	2.45	_	44
	10		M	2, 50	41	44	Jan. 188	9 . 1					44
	10		M M	2 70	. 41	66		10	0 2	M	2,40		
	10		M	73.00	41		1	1	0 1		2.65	**	4.6
•	10						l)	1	0	M 7 M	2.70		46
Averag			3 M	2.54			H	1					66

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHU. SETTS—Continued.

MACHINISTS-Concluded.

Houre per day.	Different employés.	Sex.	Rate	e of	wages.	Payroll of—	20.00	Truettent	Sex.	Rate	of 1	vages
10	1	M	\$3, 25	per	day.	July 1890-	10	7	м	\$2, 50	ner	day
10	1	M	3.50	11	110	cone'd.	10	7	M	2.75	Per	uay.
								14		3.00	64	66
10	65	М	2.47	**	16		10	2	M	3. 20	6.6	4.6
10	32	M	2.00	**	44	Average	10	79	M	2.37	4.6	66
10	14	M	2. 25	1.6	4.6		e					
10	2	M				Jan. 1891		38		2, 00	6.6	4.6
10	21					F		2			6.6	66
10	1	M.	2.65					23	M	2. 25	6.6	44
10								2		2.40	**	6.6
								10		2.50	**	
10	3	M	3.50	6.6	6.6			8		2.65	+ 6	**
			<u> </u>			1					6.6	44
10	98	M	2.44		44	1					16	4.6
	1					ii .		2	M	3. 20		
								2				**
							10	5	M	3.50	**	44
							-					
	_2		2.40			· Average	10	111	M	2.43	64	44
			2, 50			- 3						
						9 miy 1891						46
												66.
												46
												**
												66
10	, I	AN.	3, 334		••							44
10	70	34	9.40	44	44							**
10	19	183	2.40								41	44
10	34	M	2.00	14	**							
10	12		2. 25	4.4	4.6	Average	10	184	M	$2.39\frac{1}{2}$	4.6	6.6
10	3	М	2.40	4.6	**	,				-		
			·	MAC	HINIST	8' HELPER	s.		'			,
10	1] Mr	1.00	Dar	dow	Inly 1989	10		м	1 101	70.00	don
				ber	uay.	o ury 1002				1.120	Por	uay.
I LU	r I	191	1.15				10	1.6	17/4	1.20	,,,	
10	9	M	1. 25	4.6	8.6	·	10	7	M	1.331		6.6
	Det Det	Per day employés day employés em	Description Description	Different day. Part	Per Different Care Car	Per March Per Pe	Payon of the property Payo	Per Olivered Color Col	Per Control Per	Per March Per May Per Pe	Per Martin Per Partin Partin Per Partin Partin Per Partin Per Partin Partin Per Partin	Per Chieffer Chi

July 1849	10 10 10 10	1 1 9 5	M M M	1. 08 p 1. 13 1. 25 1. 334	er	day.	July 1852	10 10 10	13 7	M M M	1. 12½ 1. 25 1. 33½	per	day.
		1 70			4.4	"	Average	10	24	M	1.251	**	44
Average	10	′ 16	M	1. 26	;	••	Jan. 1853	10	3	M	1. 121	4.6	6.6
Jan. 1850	10	1	M	1.121	4.6	4.6	Jul. 1000	+ 10	í	M	1. 163	* *	66
	10	7	M	1.25	16	6.6		10	10	M	1. 25	11	4.6
	10	9	M	1.331	4.6	44		10.	1	M	1.30	**	44
Average	10	17	M	1. 29	4.6	4.6		10	. 8	M	1.333	41	44
Average	10	1,	l m	1. 29			Average	10	23	M	1. 26	6.6	46
July 1850	10	1	M	1, 08	64	6.6				_	1.20		
ľ	10	1	M.	1.12 1	14	6.0	July 1853	10	2	M	1.123	٠.	44
}	10	5	M	1, 25	14	44		10	9	M	1. 25	44	44
1	10	8	M	1.331	•••	••		10	1 7	M	1.30 1.331		16
Average	10	15	М	1.271	++	6.6	1	. 10	,	TAY.	1. 33-8		
-				_			Average	10	19	M	1. 27	6.6	4.6
Jan. 1851	10	2	M	1.121	4.6	44	- 1						
	10	4	M	1. 25	11	44	Jan. 1854	10	4	M	1.12	4.5	
	10	5	M	1.331	••	•••		10 10	2 6	M	1. 16½ 1. 25	11	11
Average	10	11	м	1.264	4.6	**		10	1	M	1.30	64	44
	20			2.50%			il I	10	7	M	1.331	4.6	64
July 1851	10	2	M	1. 121	4.6	44.1						44	44
	10	1	M	1.15	"	44	Average	10	20	M	1. 25	**	••
	10 10	5 2	M	1. 334	44	44	July 1854	10	2	M	1.161	"	44
_				1.000			0 tily 1654	. 10	7	M	1, 25	66	4.6
Average	10	10	M	1.23	**	4.6		10	i	M	1.331	**	**
Jan. 1852	10	4	M	1.121	6 6	4.4	Average	10	10	M	1. 24	41	44
	10	16	M	1.25	4.6	44						_	
	10	9	M	1. 331	9.5	44	Jan. 1855	10	1	M	1.08	11	64
A warana	10	29	м	1, 26	44	44	1	10	1	M	1. 124	86	44
Average	10	AN .	- AVI.	1.20	•		li l	10	, +	i tar	1.16		•

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHU-SETTS—Continued.

MACHINISTS' HELPERS-Continued.

			,							
Payroll -	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wage
Jan. 1855– conc'd.	10 10	2 5	M M	\$1.25 per day.	July 1859 cone'd.	10 10] 4	M M	\$1,32 1.33½	per day.
Average	10	10	M	1. 251 " "	Average	10	13	М	1. 27	44 44
July 1855	10 10	2 1 3	M M	1.08 " " 1.12 " " 1.161 " "	Jan. 1860	10 10	6 3	M M	1.25 $1.33\frac{1}{2}$	14 44 14 44
	10 10 10	2 8	M M M	1. 16½ " " " 1. 25 " " " 1. 38½ " " "	Average	10	9	М	1. 28	46 41
Average	10	16	M	1. 241 " "	July 1860	10 10	1	M	1.08 1.16½	44 44 44 44
Jan. 1856	10 10 10	1 2 10	M M M	1.08 " " 1.25 " " 1.221 " " 1.221 " 1.2	A =========	10	10 2	M	1. 25	11 11
A +++++++				1. 002	Average	10	. 14	M	1. 241	
Average July 1856	10	13 1 1	M M M	1.30 " " 1.08 " " 1.10 " "	Jan. 1861	10 10 10 10	3 9 1 8	M M M M	1. 16½ 1. 25 1. 30 1. 33½	45 46 46 46 11 66
	10 10 10	4 6 3	M M M	1. 16½ " " 1. 25 " " 1. 33½ " "	Average	10	21	M	1. 271	. 44 - 44
Average	10	15	М	1. 221 " "	July 1861	10 10 10	2 1 3	M M M	1.08 1.12 1.161	14 64
Jan. 1857	10 10 10 10	2 2 6 8	M M M M	1. 10 " " 1. 16½ " " 1. 25 " " 1. 33½ " " "		10 10 10	18 1 8	M M M	1. 25 1. 30 1. 33½	65 64 61 46 64 64
	10	ĭ	M	1.34 " "	Average	10	33	Л	1.25	44 44
Average July 1857	10 10	19	M	1.261 " "	Jan. 1862	10 10 10	1 1 8	M M M	1.08 1.16½ 1.25	64 68 14 64
buly 1007	10 10 10	1 1 7	M M M	1. 15 " " 1. 16½ " " 1. 25 " " "	Average	10	18	M	1, 33½	11 44
	10	3	M	1. 33½ " "	_	10	4	м	1, 161	11 (1
Average Jan. 1858	10 10	13 1	M	1. 24½ " " 1. 08 " "	July 1862	10 10	4 6	M	1. 25° 1. 33½	11 11
9 au. 1036	10 10	1 3	M	1. 10 " " 1. 21 " "	Average	10	14	M	1. 26	
· .	10 10 10 10	4 3 1 3	M M M	1,28 " " 1,30 " " - 1,23½ " " 1,35 " " " 1	Jan. 1863	10 10 10	2 2 1 5	M M M	1. 16½ 1. 25 1. 30 1. 33½	61 44 61 44
Average	10	16	M	1. 261	A verage	10	10	M	1. 28	44 44
July 1858	10 10 10 10 10 10	1 3 2 8 5	M M M M M	1.08 " " 1.16½ " " 1.21 " " 1.25 " " 1.28 " " 1.35 " " 1.	July 1863	10 10 10 10 10 10	1 3 11 3 10 4	M M M M M M	1.08 1.10 $1.12\frac{1}{2}$ $1.16\frac{1}{2}$ 1.25 $1.33\frac{1}{2}$	66 84 61 66 63 66 63 66 66 16
Average	10	20	м	1. 231 " "	Average	10	32	М	1. 19	** **
Jan. 1859	10 10 10 10 10 10	1 2 4 1 3	M M M M M	1. 12 " " " 1. 21 " " 1. 25 " " " 1. 28 " " " 1. 33\frac{1}{3} " " " 1. 25\frac{1}{2} " " " = 1. 25\frac{1}{2} " " " " = 1. 25\frac{1}{2} " " " " = 1. 25\frac{1}{2} " " " = 1. 25\frac{1}{2} " " " " = 1. 25\frac{1}{2} " " " " = 1. 25\frac{1}{2} " " " " = 1. 25\frac{1}{2} " " " " = 1. 25\frac{1}{2} " " " " = 1. 25\frac{1}{2} " " " " = 1. 25\frac{1}{2} " " " " = 1. 25\frac{1}{2} " " " " = 1. 25\frac{1}{2} " " " " " = 1. 25\frac{1}{2} " " " " " = 1. 25\frac{1}{2} " " " " " " " " " " " " " " " " " " "	.Гап. 1864 ,	10 10 10 10 10 10	1 4 10 8 10 7	M M M M M M M	1. 08 1. 10 1. 12½ 1. 16½ 1. 25 1. 33½ 1. 50	66 46 66 46 66 46 66 46 66 46,
J uly 1859	10	1	M	1. 12 " "	Average	10	53	M	1. 27	11 14
`	10 10 10	2 4 1	M M M	1. 21 " " 1. 25 " " 1. 28 " "	July 1864	10 10	$^2_{f I}$	M M	1.10 1.16	66 68

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHU. SETTS—Continued.

MACHINISTS' HELPERS-Continued.

				MAVIII	1.14.11.	3 A 13 A 1 A	511 13165—CU	шиние	•	1			*
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
July 1864- conc'd.	10 10	13 2	M	\$1, 25 1, 33½	pe	r day.	July 1870	10	7	м	\$1. 50	per	day.
	10	24	M	1.50	6.6	44	Jan. 1871	10 10	11 2	M	1.50 1.90	44	64 66
Average	10	42	M	1.39	6.6	4.4	Average	10	13	M	1.56	44	44
Jan. 1865	10 10 10	1 6 2	M M M	1. 16½ 1. 25 1. 33½	66	64 64 64	July 1871	10 10	11 1	M M	1.50 1.90	44	44 44
A	10	21	M	1.50	44	41	Average	10	12	M	1.53	44	66
Average		30	M	1.43			Jan. 1872	10 10	17 1	M M	1.50 1.85	46	46
July 1865	10 10	1 19	M	1. 40 1. 50	66	15	· Average	10	18	м	1. 52	44	44
Average	10	20	М	1. 491	"	44	July 1872 Jan. 1873 July 1873	10 10 10	16 19 21	M M M	1, 50 1, 50 1, 50	66	64 64
Jan. 1866	10 10 10 10 10	1 20 1 2 2	M M M M	1.40 1.50 1.67 1.70 1.87½	66	, 46 44 46 46	Jan. 1874	10 10 10	12 1 1	M M M	1.50 1.80 1.90	**	68 65
Average	10	26-	M	1.541	44	44	Average	10	14	M	1. 55	44	44
July 1866	10 10 10	1 19 1	M M	1.40 1.50	14	66 46 66	July 1874 Jan. 1875 July 1875	10 10 10	3 11 3	M M M	1.50 1.50 1.50	6 6 6 6 6 15	66 66 66
	10	1 2	M M M	1. 67 1. 70 1. 87½	. **	44	Jan. 1876	10 10	$\frac{1}{2}$	M M	1.50 1.87	ü	"
Average	10	24	M _	1.541	11	4.6	Average	10	3	M	1.741	65	**
Jan. 1867	10 10 10	29 1 1	M M M	1. 50 1. 67 1. 87	11 11	44	July 1876 Jan. 1877	10 10	3 1	M M	1, 90 1, 90	11	16
Average	10	31	м	1. 52	44	86	July 1877	10 10	1 2	M M	1.50 1.90	14	44
July 1867	10	23	м	1.50	66	**	Average	10	3	М	1.761	**	**
5 4. 5, 2527	10 10	1	M M	1.67 1.87½	46	46	Jan. 1878	10 10	3 1	M M	1.50 1.90	66	66 66
Average	10	. 26	M	$1.52\frac{1}{2}$	6.6	44	Average	.10	4	M	1. 60	46	**
Jan. 1868	10 10 10	22 2 1	M M M	1.50 1.67 $1.87\frac{1}{2}$	66 66	64 64	July 1878	10 10	6	M M	1.50 1.90	66	46
Average	10	25	M	1.53	**	**	Average	10	7	M	1. 55½	66	*
July 1868	10	17	м	1. 50	**	44	Jan. 1879	10 10	2	M M	1.50 1.90	44	44
Jan. 1869	10	15	M.	1.50	44	44	Average	10	6	M	1.631	64	16
	10 10	1	M M	1.80 1.87	**	66	July 1879	10 10 10	4 3 1	M M M	1.50 1.80 1.90	46 66	64 66
Average	10	17	M	1.54	44	46	Average	10	8	м	1.66½	44	44
July 1869	10 10 10 10	17 1 1 1	M M M M	1. 50 1. 67 1. 80 1. 92	66 66	66 66	Jan. 1880	10 10 10	8 7 1	M M M	1. 50 1. 80 1. 90	44 44	44 11
Average	10	20	м	1.541	66	44	Average	10	16	м	1. 651	44	66
Jan. 1870	10 10	15 1	M M	1. 50 1. 92	46	66	July 1880	10 10 10	9 9 1	M M M	1. 50 1. 75 1. 80	44 64	46
Average	10	16	M	1. 52½	44	**	Average	10	19	М	1.631	66	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHU-SETTS—Continued.

MACHINISTS' HELPERS-Continued.

Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of w	ages.
Jan. 1881	10 10 10	21 12 2	M M M	\$1.50 1.75 1.80	6.6	day.	Jan. 1886- conc'd.	, 10 , 10 10 10	21 4 2 1	M M M M	\$1.75 1.80 1.90 1.95	per "	day.
Average	10	35	M	1.601	"	"	Average	10	56	M	1. 641	6.6	44
July 1881	10 10 10 10	20 17 2 1	M M M M	1. 50 1. 75 1. 80 1. 87½	-4 .	44	July 1886	10 10 10 10	12 5 2 13	M M M M	1.50 1.60 1.65 1.75	6 4 6 4 6 6	44 44 44
Average	10	40	'M	1.63	**			10	2	M	1.80	61	
Jan. 1882	10 10 10 10 10 10	40 2 18 1 1 1 3	M M M M M	1. 50 1. 60 1. 75 1. 80 1. 85 1. 90	66 66 61 - 64	4 6 4 6 4 6 4 6 4 6 4 6 4 6	Average Jan. 1887	10 10 10 10 10 10	34 10 2 6 17	M M M M M	1. 63½ 1. 50 1. 60 1. 65 1. 75 1. 80	66 66 66 66	14 44 44 44
Average	10	65	M	1.60	6.6	"	Average	10	39	M	1. 67	44	14
July 1882	10 10 10	27 3 20	M M M	1.50 1.60 1.75	66 66	6 E 6 E	July 1887	10 10 10	9 2 1	M M M	1.50 1.60 1.65	46 66	6 6 6 6 6 6
Average	10	50	M	1.603		44		10 10	19 4	M	1.75 1.80	16	11
Jan. 1883	10 10 10 10	34 1 33 1	M M M	1. 50 1. 60 1. 75 1. 95	16 16	44 65 66 84	Average	1	37	M	1. 69	"	16
Average	10	69	м	1. 63	44	41	Jan. 1888	10 10	22	M	1. 50 1. 65	14	44
July 1883	10 10 10 10 10	15 7 4 11 3	M M M M	1. 50 1. 60 1. 75 1. 80 1. 95	44 44	64 66 68	A verage		17 2 42 11 3	M M M M	1. 75 1. 80 1. 62 1. 50 1. 60	44 44 44	66 66 66
Average	10	40	М	1.66	**	44		10	1 3	M	1.65	"	11
Jan. 1884	10 10 10 10	6 6 13	M	1.50 1.60 1.75 1.80	66 66 66 66	66 66	Averag	10 10 10 10	1 21	M M M	1. 75 1. 80 1. 59	46	14
31	10			1.95	- "		Jan. 1889	10 10	16	M M	1.50 1.65	66	41
Average July 1884	10	. 18		1. 63 1. 50 1. 60	16	66		10 10	17	M M	1. 70 1. 75	46	66
	10	15	M	1. 75 1. 80	66	11	Averag	e 10	36	M	1.63	64	14
Av erag	e 10 10	3	M	1. 90		44	July 1889	10 10 10 10	22 4 12 1		1. 50 1. 65 1. 75 1. 87	:: ::	41 44 44
Jan. 1885			м	1.50	6	6 4 6	Averag		39		1. 60	ı,	**
	10 10 10	10	M	1.60 1.75 1.80		416	Jan. 1890	10	30	M M	1, 50 1, 65	44	46 41
Average		1	- 1	1.62	2 "	44		. 10	-\ 	_	1.75	-	
July 1885	10	1 \ 5	M	1.50 1.60	44	66	Averag		Ì		1.58	· "	**
	10 10 10	3	M	1.80	- "	44	July 1890	10 10 10 10	16	M M M	1.50 1.65 1.75 1.80	6 6 6 6	48 68
Averag	1	i i		1.66	_	61		10		М	1.90		**
Jan. 1886	10				**	44	Averag	e 10	.1 48	M	1.63	"	45

Jan. 1874

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHU. SETTS—Continued.

MACHINISTS' HELPERS-Concluded

Payroll of—	Hours per	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per	Different employés.	Sex.	Rate	of	vages
	day.	employes.				day.	employes.			_	
Tan. 1891	10	43	М	\$1.50 per day.	July 1891	10	114	M	\$1.50	per	day.
	10 10	30 1	M	1. 75 " " " " "		10 10	2	M	1.60 1.67	46	44
	îŏ	2	M	1.90 " "		10	99	M	1.75	66	66
Average	10	76	M	1.611 " "	Average	10	216	M	1. 61 1	ti	u
				MOULDER	s, bronze	G.					
Tuly 1870	10	1	м	2.50 per day.	Jan. 1874	10	1	м	2. 25	nor	day.
any rons	10	1	M	3.00 " " "	conc'd.	10	1	M	2, 50		44
	10	1	M	3.50 " " 4.75 " "		10 10	$\frac{1}{2}$	M M	3. 25	11	11
	10	1	·	4.10		10	.1	М	4.00 5.60	4.6	44
Average	10	4	M	3.431 " "	Average	10	8	<u>м</u>	3, 15	66	16
an. 1871	10	2	M	1.75 " "							
	10	2 1	M	2.50 " " "	July 1874	10 10	1 1	M	2.00 2.20	**	44
	10	1	M	3.50 " "		10	2	Ж	2. 50	4.6	**
	10 10	1 1	M	4.00 " " 4.4.75 " "		10 10	1	M	3. 25 4. 00	6.6	44
Average		8	м	2.97 " "	Average	10	6		2. 74		
Tuly 1871	10	1	м	1.75 ""	Jan. 1875	10	3	M	2.00		
unj 10.2	10	1	M	2.75 " "		10	3	\mathbf{M}	2.50	"	4.6
	10 10	2	M	3.00 · · · · · · · · · · · · · · · · · ·		10 10	1 3	M	3. 25 4. 00	66	
Average		5	M	3.05 " "	Average	10	10	<u>M</u>	2. 871		"
an. 1872	10	1	M	2.00 " "	July 1875	10	2	M	2.00	4.6	
M4. 10.1	10	1	M	*2.50 ** **	0 423 2010	10	3	ĬĬ.	2.50	4.6	11
	10	1	М	2.75 " "		10	1	M	2.75	32	44
	10 10	2	M	3.00 " " 4.164 " "		10 10	1	Л	3, 00 3, 25	66	16
	10	1	M	4.75 " **		10	3	M	4.00	e t	11
Average	10	7	M	3.161 " "	Average	10	11	M	2. 951	44	"
July 1872	10	1	M	2.00 " "	Jan. 1876	10	1	M	2.00	66	11
	10 10	1 1	M	2. 50 " " " 2. 75 " "		10 10	1	M	2. 25 2. 50		"
	10	1	M	3.00 " "		10	i	м	3.00	6.6	. 4
	10 10	1 1	M M	4.00 " " "		10	5	М	4.00	44	t e
Average	10	6	м	3.121 " "	Average	10	9	М	3. 301	4.4	11
_	10		3.5	200 (1)	July 1876	10	1	Й	2.00	11	44
fan. 1873	10 10	1	M	2.00 " " "	1	10 10	1 1	M M	2. 25 2. 50	11	
	10	1 1	M	2.75 " " -		10	1	M	9.00	66	44
	10	1 2 1	M	3.00 " "		10	1	M	3, 50	66	66
	10 10	1 1	M	4.00 11 11		10 10	1	M	4.00 5.00	66	
4	10	1	M	4.75 " "	4	. 10			0.00		
•	10	1	M	5. 00 44 44	A.verage	10	10	М	3.42	64	**
Average	10	9	M	3, 39 11 14	Jan. 1877	10	1	M	2. 25	11	66
uly 1873	10	1	м	2.00 " "		10 10	1 2	M	2.50 3.00	6.6	tt
, 2010	10	3	M	2.50 11 11		10	2	M	4.00	11	4.5
	10	1	M	2.75 4 4		10	I	М	5.00	4.6	4.5
	10 10	1	M M	2.85 4 4	A Fores	10	7	- <u>M</u>	3. 391	46	.,
	10	Ī	M	4. 75 " "	A verage	, 10	'	21	J. J#8	-	
	1	'		1	July 1877	10	2	M	2.00	66	**
Average	10	8	M	2.92 " "		10 10	1 2	M M	2. 25 2. 50	11	"
*					11	10 1	2 1	47.1	2.00		

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHU-SETTS Continued.

	Hours		-		D 11	Hours	D:00				****
Payroll of—	per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	per day.	Different employés.	Sex.	Rate	of wa	ages.
July 1877- cone'd.	10 10	1 1	M	\$4.00 per day. 5.00 "	July 1883	10 10	1 4	M M	\$2.00 I 4.00	per d	ay.
Average	10	12	М	3, 02 " "	Average	10	5	M	3. 60	44	£ 6
Jan. 1878	10 10 10	2 1 1	M M M	2.00 " " 2.50 " " 3.00 " "	Jan. 1884	10 10	. 3 1	M M	2.00 4.00		46
	10 10 10	1	M M	3.50 " " " 4.00 " " 5.00 " " "	Average	10	4	M	2, 50	**	44
Average		8	М	3.181 " "	July 1884	10 10	2 2	M M	2.00 4.00	44	44
July 1878	10	1	М	2.50 " "	Average	10	4	М	3, 00	66	64
	10 10 10	1 1	M M	3.00 · · · · · · · · · · · · · · · · · ·	Jan. 1885	10	2	M	4.00		**
Average		5	M	3.50 " "	July 1885	10 10	1 1	M	2.00 4.00	66	44
Jan. 1879	10 10	1 1	M	2. 50 " " " 3. 50 " " "	Average		2	М	3, 00	14	41
Average	10	3	М	4.00 " " " " " " " " " " " " " " " " " "	Jan. 1886	10 10	2 2	M M	2.50 4.00	£ £	44
July 1879	10	1	м	2.00 " "	Average		4	M	3, 25	66	11
	10 10 10	1 1 1	M M M M	2.40 " " " " " " " " " " " " " " " " " " "	Jan. 1887	10 10	1 5	M M	3.00 4.00	44	46 46
Average	e 10	5	M	3. 18 " "	Average	10	6	М	3.834	: 1	**
Jan. 1880	10	1	М	2.00 11 11	July 1887	10	1 1	M M	4. 00 5. 00	44	66
	10 10 10	1	M M M	2.50 " " " 4.00 " " 5.00 " "	Average	10	- 1	M	4. 50	"	44
Average			- <u>M</u>	3.371 " "	Jan. 1888		1	м	2. 25	t I	**
July 1880	10	1	M	4.00 " "	јан. 1666	10	2	M	4.35 5.00	11	44
	10		M	5.00 " "	Averag	e 10	4	М	3.981	44	44
Averag	e 10	3	M	4.41½ " "	 July 1888	10	1	М	2.00	44	44
Jan. 1881	10	1	M	2.75 " " 4.00 " "		10 10	1	M	4. 33½ 5. 00	**	44
A	10		M	3.621 " "	Averag	e 10	3	M	3.78	4.6	44
Averag July 1881			M	3. 331 11 11	Jan. 1889	7 10 10	1	M	3.00 4.33½	44	
Duly 1001	10	1	М	4.00	Averag	e 10	2	M	3.661	11	44
Averag				3.661 " "	July 1889	10	1	M M	3, 00 4, 00	11	11
Jan. 1882	, 10	1		3. 331 " "		jo			4. 331		46
Averag	e 10		-!	3, 461 " "	Averag				3.78	11	**
July 1882				2.00 " "	Jan. 1890	10	1	M	2.00 3.50	16	44
, , _ 501	10	4	M M	4.00 44 44 44 44 44 44 44 44 44 44 44 44 4		10	1	M	4. 00 4. 33½	11	14
Averag	10	-!		3.81	Averag		1		3, 48		**
Jan. 1885			1 -	2.00 " "	July 1890	10	1 2	M M	2.00 3.00	66	11
J 1111 1000	10)] 3	M	4. 00 " " " 4. 75 " "		10			4.00 4.33½	**	16
Averag	e 10)	M	3,75	Averag	ge 10) (M	3.37	61	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHU. SETTS—Continued.

MOULDERS, BRONZE-Concluded.

						•			
Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jap. 1891	10 10 10 10 10	2 1 3 2 1	M M M M M	\$2.00 per day. 2,25 " " 3.00 " " 4.00 " " 1.33½ " "	July 1891	10 10 10 10 10	2 1 1 1 1	M M M M M	\$2.00 per day. 2.25 " " 3.00 " " 4.00 " " 4.331 " "
A verage	10	9	M	3.061 " "	Averáge	10	6	M	2.93 44
	l		1	MOULDERS', BE	ONZE, HE	LPERS	i.		
July 1870 Jan. 1871 July 1871	10 10 10	2 3 2	M M M	1.50 per day. 1.50 " " " 1.50 " " "	Jan. 1879 July 1879 Jan. 1880	10 10 10	2 1 1	M M M	1.50 per day. 1.50 " " 1.50 " "
Jan. 1872	10 10	3 2	M M	1.50 11 11 11 11	July 1880	10 10	1 1	M M	1.50 44 44
Average	10	5	M	1.60 " "	Average	10-	2	м	1.624 " "
July 1872	10	5	М	1.50 " "			İ		-
Jan. 1873	10 10	3 1	M M	1. 50 11 11	Jan, 1881 July 1881 July 1882	10 10 10	1 1 1	M M M	1.50 " " 1.75 " " 1.50 " "
Average	10	4	M	1.561 " "	July 1883 Jan. 1884	10 10	\ 1 3	M M	1.50 " "
July 1873	10 10	2 1	M M	1. 50 " " " " " 1. 75	Jan. 1887 July 1887 Jan. 1888	10 10 10	2 2 1	M M M	1.50 " " 1.50 " "
Average	10	3	M	1.581 " "	July 1888	10	1	M	1,50 " "
Jan. 1874	10 10	3 3	M M	1.50 11 14	July 1889	10 10	1 2	M M	1.50 " " " 1.75 " " -
Average	10	5	M	1.60 " "	Average	10	3	M	1,661 " "
July 1874	10 10	1	M M	1.50 " " 1.75 " "	Jan, 1890	10	1	м	1,60 " "
Average	10	2	М	1.621 " "		10 10	1	M M	1,70 " " "
Jan. 1875 July 1875 Jan. 1876	10 10 10	2 2 1	M M M M	1.50 " " 1.50 " " 1.50 " " 1.50 " " 1.50 " " 1.50 " " 1.50 " " 1.50 " 1.	Average	10	3	М	1.681 " "
July 1876 Jan. 1877 July 1877 Jan. 1878	10 10 10 10	1 1 1 1	M M M	1.50 " " 1.50 " " 1.50 " " 1.50 " " 1.50 " " 1.50 "	July 1890 Jan. 1891	10 10	1	M M	1.60 44 44
July 1878	10 10	2 2	M M	1.50 44 44 1.90 44 44	July 1891	10 10	1 1	M M	1.50 " " 1.75 " "
Average	10	4	M	1,70 " "	Average	10	2	M	1.621 " "

MOULDERS, IRON.

July 1849	10 10 10 10	5 18 8	M M M	1. 42 per day. 1. 50 " " " 1. 58½ " " "	Jan. 1850- conc'd.	10 10 10	2 1 5	M M M M	1. 62½ 1. 66½ 1. 75 1. 83	66	lay.
,	10 10 10	5 1	M M M	1.66½ " " " 1.75 " " 1.83 " "	Average July 1850	10	43 1	M M	1.56	44 44	11
Average Jan. 1850	10	42	M	1.42 " "		10 10 10 10	19 11 2 3	M M M M	1.50 $1.58\frac{1}{2}$ $1.66\frac{1}{2}$ 1.75	66	68
	10 10	22 9	M M	1.50 " " 1.58½ " "	Average	10	36	M	1.551	64	66

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHU-SETTS—Continued.

							11 .						
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate o	f v	rages.
Jan. 1851	10 10 10 10	1 16 12 4	M M	\$1.34 I 1.50 1.58 <u>4</u> 1.75	er (lay.	Jan. 1855	10 10 10 10	3 2 6 1	M M M M	1, 55 1, 58 1, 60	11	day.
Average	10	33	M	1, 551	46	41		10 10 10	1 1 5	M M M	1.62 1.65 1.66½	66 66	46
July 1851	10 10	4 20	M M	$1.42\frac{1}{2}$ 1.50	6.6 6.6	44	Average	10	21	M M	1. 75	**	44
	10 10 10 10	1 8 2 5	M M M M	1, 55 1, 58 1, 62½ 1, 66½	66	11	July 1855	10 10	1 10	M M	1.42 1.50	44	44 44
**************************************	10	5	M	1.75	"	11		10 10 10	3 4 2	M M M	1.55 1.58 1.60	41	44
Average Jan. 1852	10	45	M	1.42	"	44		10 10 10	1 4 1	M M M	1. 65 1. 67 1. 78	6 6 6 6	44
yan . 1002	10 10 10	1 2 4	M M M	1, 50 1, 55 1, 58	44	 	Average		26	м	1.561	44	"
	10 10 10	1 1	M M M	1.583 1.663 1.75	66	6 t 6 t 6 t	Jan. 1856	10 10 10 10	1 7 1	M M M M	1. 42 1. 50 1. 55 1. 58	66 66 66	46 44 44
Average	i	11	M	1.571		**		10 10	3 3 1	M	1. 60 1. 65	11	64 64
July 1852	10 10 10	1 1 3	M M M	1. 34 1. 42 1. 50	66	44		10	. 1	M	1. 67 1. 75	66	64
	10 10 10 10	2 6 2 1	M M M M	1.55 1.58 1.58½ 1.66¾	££	16 45 54	Average July 1856	10 10	21 1 1	M M M	1. 57½ 1. 34 1. 42	64 64 61	44 44
Average	10	17	М	1.75	66	44		10 10 10	5 1 4 2	M M M	1.50 1.55 1.58	44	66
Jan. 1853	10 10 10	1 2 2	M M M	1. 42 1. 50 1. 55		££ ££		10 10 10 10		M M M	1. 60 1. 65 1. 67 1. 75	66	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	10 10	1	M M	1.58 1.66½	44	£ £	Average	10	19	М	1.561	66	66
Average July 1853		10	M	1.55 1.50	44	**	Jan. 1857	10 10 10	1 2 1	M M M	1.34 1.50 1.55	11	6 E 6 E
u my 1635	10 10 10 10	331133	M M M	1. 58 1. 62 1. 65 1. 664	66 66 44	£ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £		10 10 10 10	1 2 1 3	M M M M	1. 58 1. 60 1. 65 1. 67	66 66	6 6 6 4 6 6 6 6
Average	10	18	M	1.57	ı ı	41	Average	10	15	M	1.75	et	
Jan. 1854	10 10 10 10 10 10	5 2 6 1 1 6 1	M M M	1.50 1.55 1.58 1.60 1.62 1.66½ 1.75	16 16 16 16 45 41	£ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £	July 1857	1	5 2	M M M M M	1.34 1.50 1.55 1.58 1.60 1.62	66	44 44 64 64
Average		-!	-	1.591	44	44		10 10	1 3	M M M	1. 65 1. 67 1. 75	44	46
J uly 1854	10	1 7	M M	1.42 1.50	14	"	Average	e 10		_[1.57	**	44
	10 10 10 10 10 10	7 2 1 1 1 5	M M M M	1. 55 1. 58 1. 60 1. 62 1. 65 1. 66½ 1. 75	66 66 66 66 66 66	66 66 66 46 46 66	Jan. 1858	10 10 10 10 10	1 1 4 3	M M	1.30 1.34 1.42 1.50 1.50 1.60	11	6 6 6 6 6 6 6 6 6 6 6 6
Average	-	_'		1.581	6.6	66	Average	e 10	14	М	1. 45	46	16

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHU. SETTS—Continued.

70 13	Hours	Different		1			Davisalli	Hours	Different				
Payroll of—	per day.	employés.	Sex.	Rate	of v	vages.	Payroll of—	per day.	employés.	Sex.	Rate	of 1	wages.
July 1858	10 10	1 3	M M M	1.04	per	day.	July 1861- cone'd.	10 10	3 2	M M	\$1, 67 J. 70	per	day.
	10 10 10	1 3 2	M	1. 42 1. 50 1. 55	64 64	44	Average	10	58	М	1. 56	41	"
	10	1	<u>M</u>	2. 60			Jan. 1862	10 10	2 11	M M	1. 42 1. 50	46	46
Average	10	11	M	1.45	4.6	44		10		M	1.52	44	44
Jan. 1859	10	1	M	1.34	44	**		10 10	1 3 5 1 9	M	1.55 1.58	44	66
	10 10	1 1 3 3 3	M	1.42 1.47	44	44		10 10	1	M M	1.63	44	16
	10	3	M	1.50 1.55	44	"		10	4	M	1.65 1.67 1.70	4.4	66
	10 10	3	M	1.58	4.6	44		10	2	M	1.70	66	+6
/	10 10	1 2	M	1.60 1.65	46	66	Average	10	38	M	1. 58	6.6	**
	10	4	M	1.67	44	4.4							
	10	1	M	2.00	44	44	July 1862	10 10	10	M	1.50 1.55	66	64
Average	10	20	M	$1.58\frac{1}{2}$	11	**		10	3	M	1.58	66	14
July 1859	10	1	М	1.34	66	**	li l	10 10	6	M M	1.65 1.67	44	44
o ary 1000	10	î	M	1.42	44	46	l'	10	4 2	Щ	1.70	6.6	44
	10 10	1 1 2 3 3 1 1	M	1.47 1.50	6.6	44	Average	10	27	M	1.581	64	44
	10	3	M	1.55	46	41	3	10		M	1.50	4.6	11
	10 10	1	M	1.58 1.60	14	44	Jan. 1863	10	5 1 1 3	M	1.55	44	16 -
	10 10	2	M	1. 65 1. 67	44	66		10 10	1	M M	1.65 1.67	66	16
	10	3	M	2.00	66	44]	10	1	, M	1.70	**	44
Average	10	18	M	1.581	46	**		10 10	2 2	M	1.80 1.83	44	44
Jan. 1860	10 10	1	M	1. 34 1. 42	44	66	Average	10	15	M	1.641	44	16
	10	1 1 2 3	M	1.47	44	44	July 1863	10	2	M	1.50	44	16
	10 10	3	M·	1.50 1.55	44	44		10 10	1	M	1. 52 1. 55		44
	10	3	M	1.58	46	46	1	10	1	M	1.60	44	£4
	10 10	4	M	1.60 1.67	44	44		10 10	2 1 1 1 6 3 5	M M	1.70	44	66
Average	10	19	M	1.56	44	44		10 10	. 5 B	M M	1.80	14	44
_		1	i		44	44		10	1	M	1.92	44	16
July 1860	10	1 6	M	1.42 1.50	64	44	1	10	1	M	2.00		-
	10	5 1	M	1.55 1.60	66	44	Average	10	24	M	1.71		**
	10	1 6	M	1. 65	64	44	Jan. 1864	16	2	м	1.60	16	44
	10 10	4 2	M M	1. 67 1. 70	44	66		10		M	1. 62 1. 65	66	66
			.	·				10 10	1 1 5 2 2	M M	1.83	6.6	64
Average	10	25	М	1.59	44	41		10 10	2	M M	1.85	66	44
Jan. 1861	10	1	M	1.42	44	44	 '	10	8	M	2.00	**	44
	10 10	1	M	1. 50 1. 52	66	66 66	Average	10	21	M	1.87	**	**
	10 10	4	M	1.55	44	44	July 1864	10	1	м	1. 30	44	14
	10	6	M	1.65	66	44	0 41,9 1004	10	1	M	1, 62	16	44
	10 10	4 2	M	1. 67 1. 70	44	41		10 10	5 2 2	M M	1.83	u	44
Average	10	23	М	1. 59	**	46		10 10	9	M M	1.88 2.00	44	45
July 1861	10 10		M M	1. 42 1. 50	44	62 44	Average	10	20	м	1.87	"	iš
	10	3	M	1.52	44	44	Jan. 1865	10	4	М	1.30	44	44
	10 10	1 16	M	1.55 1.58	66	46		10 10	1 1 3	M	1.62 2.00	44	ek.
	10	1	M	1.60	66	66		10	3	M	2. 12 2. 25	66	44
	10 10	1 9	M	1.62 1.65	14	44	A ·	10 10	6	M	2. 25	66	ñ

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHU-SETTS—Continued.

Payroll														
Average	Payron	per	Dinerent	Sex.	Rate	of '	wages.		per		Sex.	Rate	of	wages.
Average 10 24 M 2.30 Average 10 2 M 2.00 11 July 1865 10 2 M 2.00 1 July 1866 10 2 M 2.00 1 10 2 M 2.00 1 1 3 M 2.15 1 1 6 M 2.55 1 1 1 3 M 2.62 1 1 1 1 3 M 2.62 1 <td>Jan. 1865- conc'd.</td> <td>10 10</td> <td></td> <td></td> <td></td> <td>ber</td> <td>day.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>per</td> <td>day.</td>	Jan. 1865- conc'd.	10 10				ber	day.						per	day.
July 1865 10	Average	10	24	М	2. 19	44	64	Averago	10	22	M	2. 461	**	44
10	July 1865							July 1868				2.00		
Average 10			3					li .						
Average Jan. 1866 10 10 10 10 10 10 10 10 10		10	2		2.15			Įi		6		2, 20		
Average 10			6		2. 25			!	10			2.35		4.4
Average 10 22 M 2.90								1	10			2.40		
Average 10 22 M 2.99 " " Average 10 24 M 2.30 " " Average 10 24 M 2.30 " " Average 10 24 M 2.30 " " Average 10 24 M 2.30 " " Average 10 24 M 2.30 " " Average 10 24 M 2.30 " " Average 10 25 M 2.25 " " Average 10 2 M 2.40 " " Average 10 2 M 2.41 " " Average 10 2 M 2.41 " " Average 10 2 M 2.41 " " Average 10 2 M 2.41 " " Average 10 2 M 2.41 " " Average 10 2 M 2.42 " " Average 10 10 11 M 2.30 " " " Average 10 10 11 M 2.30 " " " Average 10 10 11 M 2.30 " " " Average 10 10 11 M 2.30 " " " Average 10 10 11 M 2.30 " " " " Average 10 10 11 M 2.30 " " " " " Average 10 10 11 M 2.30 " " " " " " Average 10 10 11 M 2.30 " " " " " " Average 10 10 11 M 2.30 " " " " " " " Average 10 10 11 M 2.30 " " " " " " " " " " " " " " " " " " "					2.75	8.6	6.6	1				2.45		
Jan. 1866 10	Awaraaa		·	'	2. 29	- 64	66			1		2.75		
10	_				;		44	Average	10	24	M	2.30	44	**
10	9 211. 1000		2					li .		Ì		1		
Average 10 25 M 2.38 " " Average 10 20 M 2.41½ " " Average 10 2 M 2.50 " " " Average 10 1 M 2.55 " " " Average 10 1 M 2.55 " " " Average 10 1 M 2.55 " " " Average 10 1 M 2.65 " " " Average 10 2 M 2.65 " " " Average 10 1 M 2.65 " " " Average 10 1 M 2.65 " " " Average 10 1 M 2.65 " " " Average 10 1 M 2.65 " " " Average 10 1 M 2.65 " " " Average 10 1 M 2.65 " " " Average 10 1 M 2.65 " " " Average 10 1 M 2.65 " " " Average 10 1 M 2.65 " " " Average 10 1 M 2.65 " " " " Average 10 1 M 2.65 " " " " Average 10 1 M 2.65 " " " " Average 10 1 M 2.65 " " " " Average 10 1 M 2.65 " " " " Average 10 1 M 2.65 " " " " Average 10 1 M 2.65 " " " " " Average 10 1 M 2.65 " " " " Average 10 1 M 2.65 " " " " Average 10 1 M 2.65 " " " " Average 10 1 M 2.65 " " " " Average 10 1 M 2.65 " " " " Average 10 1 M 2.65 " " " " Average 10 1 M 2.65 " " " " Average 10 1 M 2.65 " " " " Average 10 1 M 2.65 " " " " " Average 10 1 M 2.65 " " " " " Average 10 1 M 2.65 " " " " " Average 10 1 M 2.65 " " " " " Average 10 1 M 2.65 " " " " " Average 10 1 M 2.65 " " " " " Average 10 1 M 2.65 " " " " " Average 10 1 M 2.65 " " " " " " Average 10 1 M 2.65 " " " " " " Average 10 1 M 2.65 " " " " " " " " " " " " " " " " " " "		10						Jan. 1869						
Average 10								- I						
10													6.6	44
Average			1 1		2.40			li	10	1	M	2.50		
Average		10	5	M	2.50			1	10	1				
Average July 1866 July 1866 July 1866 Average July 1867 Average July 1867 Average July 1867 Average July 1867 Average July 1868 July 1870 J		10						H				2.65		
Average 10 25 M 2.38 " " July 1869 10 1 M 2.00 " " 10 1 M 2.00 " " 10 1 M 2.35 " " 10 10 4 M 2.30 " " 10 10 1 M 2.55 " " 10 10 1 M 2.60 " " 10 10 1 M 2.55 " " 10 10 1 M 2.60 " " 10 10 1 M 2.75 " " 10 10 1 M 2.25 " " 10 10 1 M 2.25 " " 10 10 1 M 2.50 " " 10 1 M 2.50 " " 10 10 1 M 2.50 " " 10 10 1 M 2.50 " " 10 10 1 M 2.50 " " 10 10 1 M 2.50 " " 10 10 1 M 2.50 " " 10 10 1 M 2.50 " " 10 10 1 M 2.50 " " 10 10 1 M 2.50 " " 10 10 1 M 2.50 " " 10 10 1 M 2.50 " " 10 1 M		10			2.75			A						
July 1866 10	Average	10	25	м	2.38		64					1 1		
Average 10 26 M 2.42½ 11 10 1 M 2.50 11 10 2 M 2.43½ 11 10 1 M 2.65 11 10 1 M 2.50 11 10 1 M 2.65 11 10 1 M 2.50 11 10 1 M 2.50 11 10 1 M 2.65 11 10 1 M 2.65 11 10 1 M 2.65 11 10 1 M 2.65 11 10 1 M 2.65 11 10 1 M 2.65 11 10 1 M 2.50 11 10 1 M 2.50 11 10 1 M 2.65 11 10 1 M 2.50 11 10 1 M 2.50 11 10 1 M 2.50 11 10 1 M 2.50 11 10 1 M 2.65 11 10 1	T-1 1000	10		м	1 35		11	9 mry 1808	10	2			4.6	66
10	9 mily 1000				2.00		44	i		4	M	2.30		
Average 10 26 M 2.42½					2.12					4				
Average Jan. 1867 10 10 10 10 10 10 10 10 10 1					2, 25			-						
Average 10													6.6	6.6
Average 10												2, 75	4.4	4.6
Average Jan. 1867 10 26 M 2.42½ 11 10 10 10 10 10 10 10 10 1		10	1	M	2. 70 2. 75			Average	10	18	M	2.431		4.6
Jan. 1867 10	Average			_'	_		6.6			1				
Jan. 1867 10					1 .	•				1				
Average 10	Jan. 1867									4 5				
Average July 1867 10					2.12					3	M	2, 50	6.6	6.6
Average 10 27 M 2.44			1		2.35					ĭ	M	2.60		
Average July 1867 10 3 M 2.62 " " Average 10 10 10 10 11 M 2.75 " " Average 10 July 1870 10 10 10 10 10 10 10 10 10			4		2.40			1						
Average 10 27 M 2.44 " " July 1870 10 1 M 2.00 " " 10 1 M 2.25 " " 10 1 M 2.25 " " 10 1 M 2.42 " " 10 1 M 2.88 " " 10 1 M 2.40 " " 10 1 M 2.75 " " 10 1 M 2.75 " " 10 1 M 2.25 " " 10 1 M 2.25 " " 10 1 M 2.25 " " 10 1 M 2.25 " " 10 1 M 2.25 " " 10 1 M 2.40 " " 10 1 M 2.75 " " 10 1 M 2.40		10	6						10	3	M	2. 75	. "	••
Average July 1867 10								Average	10	19	M	2, 441	11	44
Average July 1867 10												-		44
July 1867 10 1	Average	10	9.7	M	2, 44		4.6	July 1010		2	M	2. 20		
Average 10 27 M 2.47½ " " Average 10 15 M 2.41½ " " Average 10 2 M 2.20 " " Average 10 1 M 2.25 " " " Average 10 1 M 2.25 " " " Average 10 1 M 2.25 " " " Average 10 1 M 2.25 " " " Average 10 1 M 2.25 " " " Average 10 1 M 2.25 " " " Average 10 1 M 2.25 " " " Average 10 1 M 2.25 " " " Average 10 1 M 2.25 " " " Average 10 1 M 2.25 " " " " 10 1 M 2.25 " " " 10 1 M 2.25 " " " 10 1 M 2.25 " " " 10 1 M 2.25 " " " 10 1 M 2.25 " " " 10 1 M 2.25 " " " 10 1 M 2.25 " " " " 10 M 2.25 " " " 10 M 2.25 " " " " " 10 M 2.25 " " " " " 10 M 2.25 " " " " " 10 M 2.25 " " " " " 10 M 2.2	- vorage	ĭ 10	"	1				li .	10	1				
Average 10 27 M 2.47½ " " Average 10 15 M 2.41½ " " Average 10 2 M 2.20 " " Average 10 1 M 2.25 " " " Average 10 2 M 2.20 " " " Average 10 2 M 2.20 " " " Average 10 1 M 2.20 " " " 10 1 M 2.20 " " " 10 1 M 2.20 " " " 10 1 M 2.20 " " " 10 1 M 2.20 " " " 10 1 M 2.20 " " " 10 1 M 2.20 " " " 10 1 M 2.25 " " " " 10 1 M 2.25 " " " 10 1 M 2.25 " " " 10 1 M 2.25 " " " 10 1 M 2.25 " " " 10 1 M 2.25 " " " 10 1 M 2.25 " " " 10 1 M 2.25 " " " " 10 1 M 2.25 " " " 10 1 M 2.25 " " " 10 1 M 2.25 " " " 10 1 M 2.25 " " " 10 1 M 2.25 " " " 10 1 M 2.25 " " " 10 1 M 2.25 " " " " 10 1 M 2.25 " " " 10 1 M 2.25 " " " 10 M 2.25 " " " 10 M 2.25 " " " 10 M 2.25 " " " " 10 M 2.25 " " " " 10 M 2.25 " " " " 10 M 2.25 " " " " 10 M 2.25 " " " " 10 M 2.25 " " " " 10 M 2.25 " " " " 10 M 2.25 " " " " 10 M 2.25 " " " " 10 M 2.25 " " " " 10 M 2.25 " " " " 10 M 2.25 " " " " 10 M 2.25 " " " " 10 M 2.25 " " " " " 10 M 2.25 " " " " " 10 M 2.25 " " " " " 10 M 2.25 " " " " " 10 M 2.25 " " " " " 10 M 2.25 " " " " " " 10 M 2.25 " " " " " " 10 M 2.25 " " " " " " " 10 M 2.25 " " " " " " " " " " " " " " "	July 1867	10	3							2				
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Average: 10 27 M 2.47½ " " Average 10 15 M 2.65 " " Average 10 2 M 2.75 " " " Average 10 1 M 2.00 " " " Average 10 1 M 2.25 " " " Average 10 1 M 2.25 " " " Average 10 1 M 2.25 " " " Average 10 1 M 2.25 " " " Average 10 1 M 2.25 " " " Average 10 1 M 2.25 " " " Average 10 1 M 2.25 " " " Average 10 1 M 2.25 " " " Average 10 1 M 2.25 " " " Average 10 1 M 2.25 " " " Average 10 1 M 2.25 " " " Average 10 1 M 2.25 " " " Average 10 1 M 2.25 " " " Average 10 1 M 2.25 " " " " Average 10 1 M 2.25 " " " " Average 10 1 M 2.25 " " " " Average 10 1 M 2.25 " " " " Average 10 1 M 2.25 " " " " Average 10 1 M 2.25 " " " " Average 10 1 M 2.25 " " " " " Average 10 1 M 2.25 " " " " " Average 10 1 M 2.25 " " " " " Average 10 1 M 2.25 " " " " " Average 10 1 M 2.25 " " " " " Average 10 1 M 2.25 " " " " " " Average 10 1 M 2.25 " " " " " " Average 10 1 M 2.25 " " " " " " Average 10 1 M 2.25 " " " " " " Average 10 1 M 2.25 " " " " " " " Average 10 1 M 2.25 " " " " " " " " " " " " " " " " " " "			1 1					1				2.60	66	• • •
Average 10 27 M 2.47½ " " Average 10 15 M 2.41½ " " Average 10 27 M 2.47½ " " Jan. 1871 10 1 M 2.00 " " Jan. 1868 10 2 M 2.00 " " 10 2 M 2.30 " " 10 1 M 2.212 " " 10 4 M 2.40 " " 10 4 M 2.60 " " 10 1 M 2.25 " " 10 1 M 2.60 " " 10 1 M 2.35 " " 10 1 M 2.60 " " 10 1 M 2.35 " " 10 1 M 2.60 " " 10 3 M 2.40 " " 10 1 M 2.65 " " 10 1 M 2.65 " " 10 1 M 2.65 " " 10 1 M 2.75 " " 10 M 2.75 " "			3		2.40	6.6	44	- []	10	1	M	2.65		
Average 10 27 M 2.47½ " " Jan. 1871 10 1 M 2.00 " " Jan. 1868 10 2 M 2.20 " " 10 1 M 2.12 " " 10 1 M 2.20 " " 10 1 M 2.25 " " 10 1 M 2.25 " " 10 1 M 2.35 " " 10 1 M 2.35 " " 10 1 M 2.60 " " 10 M 2.60 " " 10 M 2.6		1 10	9	\mathbf{M}	2.50			1	10	2	M	2.75	**	••
Average. 10 27 M 2.47 " " Jan. 1871 10 1 M 2.00 " " " Jan. 1868 10 2 M 2.00 " " 10 1 M 2.25 " " 10 M 2.25 " " 10 M 2.					2.62			A TOTO M	10	15	M	2, 414		66
Average: 10 27 M 2.47½ " " Jan. 1871 10 1 M 2.00 " " 2 M 2.27 " " 10 10 2 M 2.20 " " 10 10 2 M 2.30 " " 10 10 2 M 2.30 " " 10 10 1 M 2.25 " " 10 10 2 M 2.30 " " 10 10 1 M 2.25 " " 10 10 3 M 2.60 " " 10 1 M 2.60 " " 10 1 M 2.25 " " 10 1 M 2.60 " " 10 1 M 2.25 " " 10 1 M 2.65 " " 10 1 M 2.65 " " 10 1 M 2.65 " " 10 1 M 2.75 " " 10 1 M 2.75 " " 10 1 M 2.75 " " 10 1 M 2.75 " " 10 1 M 2.75 " " 10 1 M 2.75 " " 10 1 M 2.75 " " 10 1 M 2.75 " " 10 1 M 2.75 " " 10 1 M 2.75 " " 10 1 M 2.75 " " 10 1 M 2.75 " " 10 1 M 2.75 " " 10 M 2.75 " " 1					2, 75					1				
Jan. 1868 10 2 M 2.00 11 1 M 2.25 11 1	A		<u> </u>	-i		_ ,,	44	Jan. 1871					1.4	4.6
Jan. 1868 10 2 M 2.00 " " 10 1 M 2.12 " 10 4 M 2.40 " " 10 1 M 2.25 " 10 1 M 2.35 " 10 1 M 2.35 " 10 1 M 2.65 " 10 1 M 2.65 " 10 1 M 2.65 " 10 1 M 2.65 " 10 1 M 2.65 " 10 1 M 2.65 " 10 1 M 2.65 " 10 1 M 2.65 " 10 1 M 2.65 " 10 1 M 2.65 " 10 1 M 2.65 " 10 1 M 2.65 " 10 1 M 2.65 " 10 M 2.75 " 10	Average	e, 10	27	M	2.47	3				1	M	2, 25		
10 1 M 2.12 " " 10 4 M 2.40 " " 10 10 3 M 2.60 " " 10 1 M 2.65 " " 10 1 M 2.65 " " 10 1 M 2.65 " " 10 1 M 2.65 " " 10 1 M 2.65 " " 10 1 M 2.65 " " 10 1 M 2.65 " " 10 1 M 2.65 " " 10 1 M 2.65 " " 10 1 M 2.65 " " 10 1 M 2.65 " " 10 M 2.75 " "	Jan. 1868	10	2	M	2.00			-	10	2				
10 1 M 2.20 10 3 M 2.60 10 1 M 2.65 10 1 M 2.25 10 1 M 2.65 10 1 M 2.65 10 1 M 2.65 10 1 M 2.65 10 1 M 2.65 10 1 M 2.65 10 1 M 2.65 10 1 M 2.65 10 1 M 2.65 10 1 M 2.65 10		10	1	M	2.12			- 11		4				
10 1 M 2.35 " " 10 1 M 2.65 " " 10 1 M 2.75 " " 10 10 3 M 2.75 " " 10 10 3 M 2.75 " " 10 10 3 M 2.75 " 10 10 10 10 10 10 10 10 10 10 10 10 10			I		2. 20									44
10 3 M 2.40 " " 10 3 M 2.75 " " 10 10 5 M 2.50 " " 10 10 10 10 10 10 10 10 10 10 10 10 10		10	1 1							1	M	2.65		
					2, 40			-1	10	3	M	2.75	66	**
				M	2.50			Average	10	18	М	2. 43	"	64

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHU. SETTS—Continued.

Payroll	Hours per	Dimerent	Sex.	Rate	of	wag	es.	Lagion	Hours per	THEFT	Sex.	Rate	of y	wages.
of—	per day.	employés.				Q		of	day.	employés. 			. 01	· ugos.
July 1871	10 10 10 10 10	3 2 1 4 1	M M M M	\$2.00 2.20 2.25 2.30 2.35	per	day	·.	July 1874— cone'd.	10 10 10 10 10	5 1 2 1 1	M M M	\$2. 25 2. 35 2. 45 2. 50	per	day.
	10 10	4 4	M	$\frac{2.40}{2.50}$	44	44		Average		20	M	2. 60	"	t#
	10	1 3	M	2.75	64	64		Jan. 1875	10 10	5 I	M M	2.09 2.05	66	44 44
Average Jan. 1872	10 10 10 10	23 1 1	M M M M	2. 37½ 2. 00 2. 15 2. 20	14	"			10 10 10 10 10	3 1 5 1 2	M M M M M	2. 12 2. 15 2. 25 2. 35 2. 45	66 66 66	14 15 14
	10 10 10 10	1 1 5 2 8	M M M	2. 25 2. 30 2. 40 2. 50	16 16 16	44		Average	10 10	20	M M M	2. 45 2. 50 2. 60	"	66
	10 10	1 1	M M	2, 56	44	11		July 1875	10	3	м	2.00	14	"
<u>*</u>	10 10 10	1 1 3	M M M	2. 63 2. 65 2. 75	44	44			10 10 10 10	3 6 1	M M M	2. 05 2. 12 2. 25 2. 35	66 66 66	46 46 46 .
Average July 1872	10 10 10	26 2	M	2. 44½ 2. 00 2. 20	11	"			10 10 10	1 1 1	M M M	2. 45 2. 50 2. 60	"	"
	10 10	1 2 3	M M	2. 25 2. 30	46	11		Average		17	М	2. 221	**	"
	10 10 10 10	4 8 5 4	M M M M	2.40 2.50 2.60 2.75	11	**		Jan. 1876	10 10 10 10	1 4 1 1	M M M	2.00 2.05 2.20 2.25	" 66 61 61 61	64 66 66 66
Average	10	29	М	2. 45	46	6.6			10 10	I I	M	2.30 2.50	16	64
Jan . 1873	10 10	2 1	M M	2, 00 2, 20	64 64	46		Average	10	9	М	2. 16	11	46
	10 10 10 10	3 3 3 5	M M M	2, 25 2, 30 2, 40 2, 50	46	66		July 1876	10 10 10	1 1	M M M	2. 05 2. 20 2. 30	66	66 65
	10 10	2 4	M	2. 60 2. 75	**	11		Average Jan. 1877	10	5	M	2. 13	- **	41
Average	ı	23	M	2. 42½	16	66		Jan. 1817	10 10	1 2	M	2. 20 2. 25 2. 30	66 66	66 66
July 1873	10 10 10	1 3 2	M	2. 20 2. 25 2 30	66	66		Average	10	6	М	2. 181		и
	10 10 10 10	3 5 2 4	, M , M	2, 40 2, 50 2, 60 2, 75	44	44 44 46		July 1877	10 10 10	2 1 2	M M	2. 05 2. 20 2. 25	44	44 44
Average	10	20	- M	2. 471	64	64		Average	10	5	-М	2. 16	44	44
Jan. 1874	10 10	6	M	2.00 2.05	4 i 4 i	16		Jan. 1878	10 10	2 2	M M	2. 05 2. 25	£ £	14
	10 10 10	3 1 5	M M M	2. 12 2. 15 2. 25	44	**		Average	10	4	M	2. 15	44	
	10 10 10 10 10	$\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{4}$	M M M M	2, 35 2, 45 2, 50 2, 60 2, 75	66 66 66	66 66 64	-	July 1878	10 10 10 10	I 1 2 1	M M M M	2, 00 2, 20 2, 25 2, 50	44	64 64
Average	10	26	M	2. 30	41	**		Average	10	5	M	2. 24	44	44
July 1874	10 10 10	5 1 3	М М М	2.00 2.05 2.12	66	41 64 66		Jan. 1879	10 10 10	$\begin{array}{c} 1 \\ 1 \\ 2 \end{array}$	M M M	2. 05 2. 20 2. 25	44	46 46
1	10	1	M		4.4	44	ı	Average	10	4	M.	2. 18	44	ű

METALS AND METALLIC GOODS: *ESTABLISHMENT No. 58, MASSACHU-SETTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.
July 1879	10 10	4 1 5	M	\$2.00 2.50 2.10	perd	11	July 1884	10 10 10 10 10	9 1 4 1 3	M M M M	\$2.00 2.15 2.25 2.40 2.50	per o	day.
Jan. 1880	10 10 10	7 1 1	M M M	2.00 2.25 2.50	11	15	Average		18	M	2. 17	44	"
Average	10	9	м	2.081	4.6	46	Jan. 1885	10 10 10	13 6 2	M M M	2.00 2.25 2.50	66	44
July 1880	10 10 10	7 3 3	М М М	2. 00 2. 20 2. 25	**	6 6 6 6	Average		21	M	2.12	6.6	**
Average		13	M	2. 101			July 1885	. 10	3 1	M M	2.00 2.25	44	44
Jan. 1881	10 10	9	M M	2.00 2.10	6 6 6 6	61 66	Average		4	М	2.061	44	**
	10 10 10	1 4 4	M M M	2. 15 2. 20 2. 25	16	44	Jan. 1886	10	1	M	2.00 2.25	44	44
Average	10	19	<u>M</u>	2. 11	14	4.5	Average	1	2	M	2, 124	46	44
July 1881	10 10	6 1	M	2.00 2.20	46	44	July 1886	10 10 10	3 1 1	M M M	2. 00 2. 25 2. 50	16	44
	10 10	3 2	М	2 25 2.50	**	44	Average	10	5	- M	2, 15	64	44
Average	10	.13	M	2. 65	. "	66	Jan. 1887	10 10	4 2	M M	2.00 2.50	66	44
′ Jan. 1882	10	14	N	2.00	44	44	Average	10	6	M	2. 161	**	44
	10 10 10	10 1 1	M M M M	2. 15 2. 25 2. 37 <u>1</u> 2. 40	4.4	66	July 1887	10 10	2 1	M M	2.00 2.25	"	"
	10 10 10	8	M	2.50	14	44	Average		3	М	2.081		**
Average		37	M	2. 22	44	14	Jan. 1889	10 10 10	6 2 2 1	M M M	2. 00 2. 25 2. 50 2. 75	66 66 66	64 64 64
July 1882	10 10 10	7 2 3	M M M	2. 00 2. 15 2. 25	44	44	Average	10	11	M	2. 201	66	**
	10 10 10	8	M	2. 35 2. 40 2. 50	44	44	July 1888	10 10	4	M	2.00 2.25	44	16
	10 10	- 1	M	2. 65 2. 75	64	**	Average	10	– 5	M	2.05	44	44
Average Jan. 1883	10	30	M	2, 33	66	44	Jan. 1889	10 10	3 2	M M	2.00 2.25	44	44 66
	10 10	3	M	2, 15 2, 25	44 44	64 66	Average	e 10	5	M	2. 10	44	44
	10 10 10	5 1	M M M	2. 40 2. 50 2. 75	44	44	July 1889	10 10 10	5 4 1	M M M	2.00 2.25 2.50	44	66 66 66
Average	10	20	М	2, 23		41	Average		10		2. 15	44	44
July 1883	10		M	2.00 2.15	44	44						4.4	44
4 3	10 10 10	3 2	M	2. 25 2. 50	14	44	Jan. 1890	10 10 10	3 2 3	M M M	2. 00 2. 25 2. 50	44	# 64 64
✓ Average	10	11	M	2. 17		44	Average	e 10	8	М	2, 25	4.4	44
Jan. 1884	10 10 10	5	M M M M	2. 00 2 15 2. 25 2. 50	4 6 4 6 4 8	44 44 44	July 1890	10 10 10	2 4 3	M	2.00 2.25 2.50	44	64 64
A ware			_	2. 14	- 16	44	Average		9		2, 28	- 44	86
Average	10	1 17	1 .131	4.14			, Attorag	-1		,	,		

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHU. SETTS—Continued.

MOULDERS, IRON-Concluded.

							MUN—Concil	<u>'</u>					
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	vages.
Jan . 1891	10 10 10	2 2 3	М . М М	\$2, 00 2, 25 2, 50	per "	day.	July 1891	10 10 10	3 3 4	M M M	\$2,00 2,25 2,50	per "	day.
Average	10	7	М	2, 28½	. "	44	Average	10	. 10	М	2. 271	"	44
					P	ATTE	RNMAKERS.						
J uly 1870	10 10 10 10 10	1 1 3 4 1	M M M M M	2.00 2.15 2.25 2.50 3.00	per 	day.	July 1874	10 10 10 10 10 10	2 2 1 4 1	M M M M M	2. 00 2. 25 2. 40 2. 50 3. 25 3. 40	per	day.
Average	10	10	M	2, 39	14	44							44
Jan . 1871	10 10 10 10 10 10	2 3 2 1 1 1	M M M M M	2. 00 - 2. 25 2. 50 2. 68 2. 75 3. 00	61 66 66 68	6 6 6 4 6 4 6 6 6 6 6 6	Average Jan. 1875	10 10 10 10 10 10	11 2 1 1 3 1	M M M M M	2. 50½ 2. 00 2. 25 2. 40 2. 50 3. 40	44 44 44 44	44 44 44
Average	10	10	M	2. 42	5.6	44	Average	10	8	М	2.441	6.6	44
July 1871	10 10 10 10 10	1 2 3 2 1	M M M M	2, 00 2, 25 2, 50 2, 75 3, 00	64 64 64	66 66 66	July 1875	10 10 10 10 10	2 1 1 4	M M M M M	2. 00 2. 25 2. 40 2. 50 2. 75	66 61 66 86	16 16 46 18
Average	10	9	M	2, 50	44	**		10	3	М	3.40	"	46
Jan. 1872	10 10 10 10 10	3 4 2 1	M M M M	2. 00 2. 25 2. 50 2. 75 3. 00	66 64 64 66	46 66 64 64	Average Jan. 1876	10 10 10 10	12 2 1 1	M M M	2. 63½ 2. 00 2. 25 2. 40	64 66 64	64 64 64
Average	10	13	M	2. 40%	4.6	"		10 10	1 3 1	M	2.50 2.75	66	44
J uly 1872	10 10 10 10 10	1 1 3 4 1	M M M M	2. 00 2. 12 2. 50 2. 75 3. 00	16 61 66	44 44 44	Average	10 10	10 2	M M M	3. 25 3. 40 2. 55 1. 75	"	11
Averege		10	M	2.56		44	5 ary 1010	10	1 2	M	2. 00 2. 25	66	44
Average Jan. 1873	10 10	I 1	M M	2. 12 2. 15	16	44		10 10 10	4 4	M M M	2,50 3,40	44	44
	10 10 10	3 4 1	M M M	2.50 2.75 3.00	11	66 66	Jan. 1877	10	13 1	M	2 58½ 1.75	44	44
Average	ļ	10	M	2.571	44	"	Jan. 1877	10 10	1 2	M	2.00 2.25	44	66 68
July 1873	10 10	1 1	M M	2. 12	44	66 66		10	3 3	M	2.50	44	"
	10 10 10	3 2 1	M M M	2.50 2.75 3.00	**	44	Average July 1877	10	10	M	2, 59½ 1. 60	44	44
Average		8	М	2. 53h	44	44		10 10	1	M	2.00	44	44
Jan. 1874	10 10	1 I 2	M M	1.80	44	44 44		10 10 10	3 3 2	M M M	2. 25 2. 50 3. 00	44	44 44
	10	2	M	2. 25	44	44	Average	10	11	м	2. 321	**	44
	10 10 10	3 1 1	M M M	2, 50 2, 75 3, 40	44	44 44	Jan. 1878	10 10 10	1 1	M M M	1.60 1.75 2.00	"	64 66 64
Average	10	11	M	2.43	44	44		1 10	3	M	2. 25	**	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHU-SETTS—Continued.

PATTERNMAKERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés	Sex.	Rate	of	wages.
Jan. 1878- conc'd.	10 10	11	M M M	\$2.50 3.00 2.28	per "	day.	Jan. 1883	10 10 10 10	2 2 4 1	M M M M	\$2.00 2.25 2.50 2.75	per	day.
July 1878	10	1	M	1.60	44	44	Average	10	9	М	2. 36	"	
	10 10 10 10 10	1 3 3 4 1	M M M M M	1. 75 2. 00 2. 25 2. 50 3. 00	66 66 66 66	15 64 65 64 68	July 1883	10 10 10 10 10	2 3 2 1	M M M M	1.80 2.00 2.25 2.50 2.70	44 44 44	4 8 6 4 6 6 8 6
Average			м		44	44	A wara ma		9	M	2. 15	44	"
Jan. 1879	10 10 10 10 10 10	1 1 3 1 1 1	M M M M M	1. 60 1. 75 2. 00 2. 25 2. 50 3. 00	66 66 66	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Average Jan. 1884	10 10 10 10	1 3 4 1	M M M M	1.80 2.00 2.25 2.50	**************************************	14 14 14
Average	10	8	M	2. 20	**	60	-	10	1	M	2.75	44	44
July 1879	10 10 10	1 1 1	M M M	1.80 2.50 3.00	16	14	Average July 1884	10	10	M	2. 20½ 1. 80	11	"
Average		3	M	2. 431		4.6	ouly 1001	10 10 10	6 1	M M M	2.00 2.25 2.50	44	6 6 6 6 6 6
Jan. 1880	10 10 10 10	1 1 3 1	M M M	1.80 2.00 2.10 2.25	44	64 64 64	Average	10	13	М	2. 75	44	6.6
	10	1 1	M	2. 50 3. 00			Jan. 1885	10 10 10	$\frac{1}{2}$	M M M	1.60 1.80 2.00	66	64 44
Average July 1880	10	8	M	2. 23	11	66		10 10 10	2 1 1	M M M	2. 25 2. 50 2. 75	6 6 6 4	64 64
_	10 10 10 10	1 1 1 2	M M M	2. 00 2. 15 2. 25 2. 50	66	46 66 46	Average July 1885	١	8	M M	2. 12 1. 60		
Average	10	1 1 8	M	2. 75 3. 00 2. 36		44	July 1888	10 10 10	1 2 2	M M M	1. 80 2. 00 2. 25	66	14
Jan. 1881	10	1	M	1.75	2 44	44	Average	e 10	6	M	1.98	**	44
	10 10 10 10	5 4 3 1	M M M M	2. 00 2. 25 2. 50 3. 00	66	44	Jan. 1886	10	1 2 2 2	M	1. 60 1. 80 2. 00 2. 25	46	11
Average	10	14	M	2. 23			Average	10	7	_	1. 95	- } ''	
July 1881	10 10 10 10	4	M M	2. 00 2. 25 2. 50 3. 00	64	66	July 1886			M	1.80 2.00 2.25	61	1.6
Average	10	12	М	2, 25	- 44	44	Averag	-		-	2. 06	- 4	4 4 6
Jan. 1882	10 10 10 10	2 3	\mathbf{M}	2: 00 2: 25 2: 50 2: 75	64	44	Jan. 1887	1	1 2	M	1. 80 2. 00 2. 25	4	6 46
Average	10	111	M	2. 32	- 6		Averag		-	M	2, 66	4	
July 1882	10 10 10 10	2 2	M M	2. 00 2. 25 2. 50 2. 75	6: 6:	46	July 1887		2	M	1. 80 2. 00 2. 25		4 64
Average	10	- 8	M	2. 37	- 1 '		Averag	e 10	7	M	1. 98	1 '	4 44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHU. SETTS—Continued.

PATTERNMAKERS-Concluded.

D 1	Hours	n:m			_		Damell .	Hours	Different	ī			
Payroll of—	per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	per day.	Different employés.	Sex.	Rate	of v	wages.
Jan. 1888	10 10 10	2 2 1	M M M	\$1.80 2.00 2.25	per	day.	Jan. 1890	10 10	1 1	M M	\$1.80 2.25	per "	day,
Average	10	- 5	M	1. 97	14	44	Average	10	2	M	2.02	44	66
J uly 1888	10 10	2 2	M M	1.80 2.00	16	11	July 1890	: 10 10	1	M M	1.80 2.25	44	46 46
Average	10	5	M	2. 25		**	Average	10	2	М	2.02		64
Jan. 1889	10	2	M	1.80	44	44	Jan. 1891	10	1	М	1.80	4	66
	10 10	2 1	M	2.00 2.25		**	Average	10	1 2	М	2. 25	66	66
Average	10	5	М	1.97	**	44							
July 1889	10 10	1 2	M M	1.80 2.25	46	**	July 1891	, 10 , 10	1	M M	1.80 2.25	44	44
Average	10	3	M	2. 10	**	**	Average	10	2	M	2.021	41	**
						TEAM	STERS.						
July 1849 Jan. 1850	10 10 10	2 2 2	M M M	. 85 . 85 . 85	per	day.	July 1861	10 10 10	1 4 3	M M M	. 85 . 90 1. 00	per	day.
July 1850 Jan. 1851 July 1851 Jan. 1853	10 10 10	2 2 3 2 2 2 2 2	M M M	. 85 . 90 . 90	6 6 6 8	44 41 44		10 10	1	M M	1. 15	**	,11
July 1853 'Jan. 1854	10 10	2 1	M	1.00	# 11 15	44 64	Average	: 10 10	10	М	. 971	**	**
July 1854 Jan. 1855 July 1855 Jan. 1856	10 10 10 10	2 2 3 3	M M M	1, 00 1, 00 1, 00 1, 00	64 64	11 11	Jan. 1862	. 10 10 10	2 1 3 2	Л Л Л	. 85 . 90 1. 00 1. 25	41	66
July 1856 Jan. 1857 July 1857 Jan. 1858	10 10 10 10	3 2 3 3	M M M M	1.00 1.00 1.00 1.00	44	"	Average July 1862	10	8	M M	1. 01½		, m
July 1858	10	4	M	1.00	44	"	0 uly 1802	10 10	1 3	M	1.00	44	**
Jan. 1859	10 10 10	2 4 1	M M M	. 90 1. 00 1. 25	14	"		10 10 10	1 1 1	M M	1.17 1.25 1.33½	45	**
Average	10	7	М	1.001	24	"	Average	1	10	М	1.023	44	44
July 1859	10 10 10	2 4 1	M M M	. 90 1. 00 1. 25	44	44	Jan. 1863	10 10 10 10	1 1 4 1	M M M M	. 80 . 90 1. 00 1. 17	64 64	66 66 66
Average	10	7	M	1.001	4.6	**		10 10	1	M	1. 25 1. 331	64	66
Jan. 1860	10 10	3 2	М - М	. 90 1. 00	44	44	Average	10	9	М	1.05	44	
Average	10	Б	M	. 94	44	44	July 1863	. 10 . 10 10	6 1 1	M M M	1. 00 1. 15 1. 17	44	46
July 1860	10 10 10 10	1 1 4 1	M M M	. 85 . 90 1. 00 1. 15	44 44 44	46 44 44		10 10 10	2 1 1	M M M	1. 25 1. 33 1. 50	46	44
Average	10 10	8	М	1. 25		"	Average Jan. 1864	10	12 2	М	1.14		44
Jan. 1861	10 10 10	1 3 1	M M M	. 85 1. 00 1. 15	44	44	1004	10 10 10 10	1 1 2 1	М	1. 15 1. 17 1. 25 1. 33	44 44 44	44 44
Average			<u>М</u>	1.00	46	**	Average				1. 161		41

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHU-SETTS—Continued.

TEAMSTERS-Concluded.

Different employés. 10 1 1 10 3 10 8 10 3 10 10 11 10 1 1 10 1 1 10 1 1 10 1 1 10 1 1 10 1 1 10 1 1 10 3 3 10 10 1 1 10 3 3 10 10 1 1 10 3 3 10 10 1 1 10 3 3 10 10 1 1 10 1 1 10 3 3 10 10 1 1 10 1 1 10 1 3 1 10 1 1 10 1 1 10 1 1 10 1 3 1 10 1 1 10 1 1 10 1 1 1 1	Sex. M M M M M	1, 25 1, 33 1, 50	of w	lay.	Payroll of— July 1881	uay.	Different employés.	Sex.	Rate	of w	ages.
10 1 3 3 10 8 10 10 10 10 11 10 11	M M M	1, 25 1, 33 1, 50	44	44	July 1881	4					
10 3 10 8 10 8 10 3 10 1 10 1 10 1	M M M	1.33	44			10	1	M	\$1.50	per ·	day.
10 3 10 1 10 1	м	1 01		44	Jan. 1882	10 10 10	$\frac{1}{2}$	M M M	1, 15 1, 25 1, 50	64 64	"
10 1 10 1		1.31	4.4	"	Average	10	4	M	1. 28	6.6	
10 3	M	1, 25 1, 33 1, 42	44 44 44	66 66 66 .	July 1882	10 10	2	M M	1. 25 1. 50	44	44
	M	1.50			Average	10	3	M	1. 331	5.6	44
10 8	M	1. 37½ 1. 33	66	"	Jan. 1883	10 10	1 2	M M	1.50 1.75	"	66
10 9	M	1.50	"		Average	10	3	м	1.661	44	".
10 10 10 5	M	1. 48½ 1. 50	**	"	July 1883	10 10	1 1	M M M	1. 15 1. 35 1. 50	"	16 16
10 1	M	1. 25 1. 50	" -	"	A worn on	10	3	M	1.333	6.6	64
10 8	M	1. 47	44		Average Jan. 1884	10	2	м	1. 15	6.6	66
10 6	M	1.50		"	DAM. 1002	10 10	1 1	M	1.35 1.50	4.6	44
10 6	M	1.50	46		Average	10	4	M.	1. 281	4.6	4.6
10 1	M	1.75	11	"	July 1884	-10	1	М	1.50	44	44
10 7	M	1.531	44	**	Jan. 1885	10	2	М	1.05 1.25	44	44
10 5	M M	1. 50 1. 75	44	**		10 10 10	1 1 1	M M M	1. 50 1. 80	4.6	46
10 6	М	1.54			Average	10	5	M	1.33	4.6	44
10 4 10 1	M	1. 50	44	44	July 1885	10 10	2	M M	1.05 1.20	66	44
10 5	M	1.55	**	11		10 10	2	M	1.50 1.80		"
10 4 10 1	M	1. 50 1. 75	44	66	Average	10	6	M	1.35	44	4.6
10 5	М	1.55	44	"	Jan. 1886	10 10	1 1	M	1.05 1.20	44	66
	M M	1, 56 1, 50	64 64	44 44		10 10	2	M	1.50 1.80	66	46
10 1	M	1.50	44	44	Average	10	5	M	1.41	**	• •
10 1	M	1.50	£ţ	14	July 1886 Jan. 1887	10 10	1 1	M	1.50 1,50		66
10 10 1	M M	1. 25 1. 50	66	66	July 1887 Jan. 1888	10 10	.2	M M M	1.50 1.50 1.50	44	44
10 2	М	1.371	46	**	Jan. 1889	10	1 1	M	1.50 1.50	66	66
10 10 -1	M M	1. 15 1. 50	44	"	Jan. 1890 July 1890	10 10	1	M	1.50 1.50	44 44	44 64
	м	1.321	44	44	July 1891	10	i	M	1.50	44	44
10 10 10 10 10 10 10		1 M 1 M 1 M 1 M 1 M 1 M 2 M 1 M 1 M 1 M 1 M 1 M	1 M 1.50 1 M 1.50 1 M 1.50 1 M 1.50 1 M 1.50 1 M 1.50 1 M 1.50 2 M 1.37½ 1 M 1.15 1 M 1.15	1 M 1.50 " 1 M 1.50 " 1 M 1.50 " 1 M 1.50 " 1 M 1.50 " 1 M 1.50 " 1 M 1.50 " 1 M 1.50 " 1 M 1.25 " 1 M 1.25 " 1 M 1.50 "	1 M 1.50 " " 1 M 1.50 " " 1 M 1.50 " " 1 M 1.50 " " 1 M 1.50 " " 1 M 1.50 " " 1 M 1.50 " " 1 M 1.50 " " 1 M 1.50 " " 1 M 1.50 " " 1 M 1.50 " " 1 M 1.50 " "	1 M 1.50 " " Average 1 M 1.50 " " Average 1 M 1.50 " " Average 1 M 1.50 " " July 1886 Jan. 1887 1 M 1.50 " " July 1887 1 M 1.50 " " July 1888 Jan. 1889 July 1888 Jan. 1889 July 1888 Jan. 1889 July 1888 Jan. 1890 July	1 M 1.56 " " Average 10 1 M 1.50 " " Average 10 1 M 1.50 " " July 1886 10 1 M 1.50 " " July 1886 10 1 M 1.50 " " July 1887 10 1 M 1.50 " " July 1887 10 1 M 1.50 " " July 1887 10 2 M 1.37½ " " July 1888 10 3 July 1889 10 4 1 M 1.15 " " Jan. 1889 10 5 1 M 1.50 " " July 1889 10 5 1 M 1.50 " " July 1889 10 5 1 M 1.50 " " Jan. 1890 10 5 1 M 1.50 " " Jan. 1890 10 5 1 M 1.50 " " Jan. 1890 10 5 1 M 1.50 " " Jan. 1890 10 5 1 M 1.50 " " Jan. 1890 10	1 M 1.56 " " 10 10 1 1 1 1 1 1 1	1 M 1.56 " " 10 2 M M 1.50 " " 10 10 1 M M 1.50 " " 1 M 1.50 " " 1 M 1.50 " " 1 M 1.50 " " July 1886 10 1 M M 1.50 " " July 1887 10 1 M M 1.50 " " July 1887 10 1 M M 1.50 " " July 1887 10 1 M M M M M M M M M	1 M 1.56	1 M 1.56

TEAMSTERS, WITH TEAMS.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 58, MASSACHU. SETTS—Concluded.

TEAMSTERS, WITH TEAMS-Concluded.

Payroll of-	Hours per day.	Different employés.		Rate	of 1	wages.		Payroll of—	Hours per day.	Different employés.		Rate	of	wages.
July 1866 Jan. 1867 July 1867 Jan. 1868	10 10 10	1 1 1	M M M	\$2.50 2.50 2.50 2.50 2.50	per	day.		Jan. 1883	10 10 10	1 1 1	M M M	\$2.00 2.25 3.25	per	day.
July 1868 Jan. 1876	10 10	1 1	M M	2.50 2.00	44 66	64		Average		3	M	2.50	44	**
J uly 1876	10 10	1	M M	2. 00 3. 00	46	1.6 66		July 1883 Jan. 1884 July 1884 Jan. 1885	10 10 10 10	1 1 1 1	M M M M	2.00 2.00 2.00 2.00 2.00	, 16 66 66	44
Average	10	2	М	2.50		**		July 1885 Jan. 1886 July 1886	. 10 . 10	1 1 1	M M M	2.00 2.00 2.00	46	66 66
Jan. 1877	10	1	M M	2.00	84	44	ŀ	Jan. 1887	10	1	M	2.00	44	44
July 1878 Jan. 1879	10 10	1	M	2.00	4.6	4.6	- 1	July 1887 Jan. 1888	10	1	M	$\frac{2}{2}.00$	46	4.6
July 1879 Jan. 1880	10 10	1	M	2.00	66	44	i	July 1888 Jan. 1889	10	1	M	2.00	**	46
July 1880	10	į	M	2.00	44	44	li	July 1889	: 10	î	M	2.00	66	44
Jan. 1881 July 1881	10 10	1 1	M	2.00	44	46		Jan. 1890 July 1890	: 10 10	1	M	2.00	44	44
Jan. 1882 July 1882	10 10	1	M	2.00 2.00	44	66	i	Jan. 1891 July 1891	10 10	1	M M	2.00 2.00	41	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 59, MASSACHU-SETTS,

LABORERS.

Jan. 1853	11	1	м	.80	ner	day.		July 1872	.` 10	2	м	1.60	per	day.
July 1853	11	2	M	.831	P 44	44		Jan. 1873	10	2	M	1.60	14	aug,
Jan. 1854	11		М	.85	44	6.6		July 1873	10	2	M	1.60	44	64
July 1854	11	2 2 2	M	.90	5 6	64		Jan. 1874	10	2 2	M	1.60	1.6	46
Jan. 1855	11	2	M	. 90	6.6	11		July 1874	10	2	M	1,60	8.8	6.6
July 1855	11	2	M	.90	6.6	4.6		Jan. 1875	10	2	M	1.50	4.5	4.6
Jan. 1856	11	2	\mathbf{M}	, 90	8.4	6.6		July 1875	10	2	M	1.60	4.6	44
July 1856	11	2 2 2	M	. 90	6.6	6.6		Jan. 1876	10	2	M	1.80	44	66
Jan. 1857	11	2	M	. 90	* *	6.6		July 1876	10	2	M	1.80	66	4.6
July 1857	11	2	\mathbf{M}	.90	6.6	64	- 1	Jan. 1577	. 10	2	M	1.90	6.6	44
Jan. 1858	11	2	\mathbf{M}	. 90	14	4.6	- 1	July 1877	10	2	M	1.90	66	66
July 1858	11	2 2	M	.90	4.6	. 44		Jan. 1878	10	2	M	1,90	66	41
Jan. 1859	11	2 2 2 2 2 2 2	M	. 90	6.6	6.6		July 1878	10	2 2 2	M	2.00	4.6	66
July 1859	11	2	M	. 90	6.6	4.6	- 1	Jan. 1879	10	2	M	1.75	.44	44
Jan. 1860	11	2	M	. 90	4.6	4.6		July 1879	. 10	2	M	1.75	44	44
July 1860	11	2	\mathbf{M}	. 90	6.6	4.6	- 1	Jan. 1880	10	3	M	1.75	44	44
Jan. 1861	11	2	M	. 90	64	4.4	- 1	July 1880	10	6	M	1.75	44	**
July 1861	11	2	\mathbf{M}	.90	6.6	4.6		Jan. 1-81	10	8	M	2.00	6.6	44
Jan. 1862	11	2	\mathbf{M}	. 90	44	4.5		July 1881	10	6	M	2.00	4.6	44
July 1862	11	2	M	. 90	44	46		Jan. 1882	. 10	6	M	2,00	6.6	84
Jan. 1863	11	3	M	. 90	64	66	- 1	July 1882	10	5	M	2.00	6.6	44
July 1863	11	3	M	. 90	66	44	- [Jan. 1883	10	5	\mathbf{M}	2, 00	4.6	44
Jan. 1864	11	3 :	\mathbf{M}	.90	44	66	ĺ	July 1883	10	5	\mathbf{M}	2.00	6.6	44
July 1864	11	3	M	1.30	6.0			Jan. 1884	10	4	M	2.00	4.6	44
Jan. 1865	11	-8	M	1.30	4.4	6.6		July 1884	10	4	М	2.00	44	44
July 1865	11	3	M	1.30	* *	6.6		Jan. 1885	10	4	M	2.00	6.6	44
Jan. 1866	10	3	M	1.50	4.6	66		July 1885	10	4	M	2, 00	44	44
July 1866	10	3	M	1.50	6.6	6.6		Jan. 1886	10	3	M	1.50	66	44
Jan. 1867	10	3	M	1.40	44	4.6		July 1886	10	3	M	1, 50		**
July 1867	10	3	M	1.40	44	6 6		Jan. 1887	10	3	M	1.50	46	44
Jan. 1868	10	3	M	1.40	14	4.4		July 1887	10	3	M	1.50	44	44
July 1868	10	3	M	1.40	4.6	8.6		Jan. 1888	10	2	M	1.50	6.6	**
Jan. 1869	10	2	M	1.40	44	4.6		July 1888	10	2	71	1.50	44	44
July 1869	10	2	M	1.40	4.6	4.4		Jan. 1889	10	2 2	M	1,50	**	44
Jan. 1870	10	2	М	1.40	4.6	6.5		July 1889	10	2	M	1.50	44	44
July 1870	10	2 2 2 2 2	M	1.40	4.6	66		Jan. 1890	10	2	M	1.50	44	44
Jan. 1871	10	2	M	1.40	44	6.6		July 1890	10	2	M	1,50	6.6	46
July 1871	10	2	M	1.40	6.6	66		Jan. 1891	10	2	M	1,50	44	46
Jan. 1872	10	2	М	1.40	11	4.4		July-1891	10	2	M	1, 50	**	44
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METALS AND METALLIC GOODS: ESTABLISHMENT No. 59, MASSACHU-SETTS—Continued.

MACHINISTS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wage
fan. 1853	11	5	м	\$1.50 per day.	July 1872	10	20	м	\$2.35 per day.
July 1853	11	14	M	1.50 " "	Jan. 1873	10	20	M	2. 35
an. 1854	11	14	M	1. 65 44 44	July 1873	10	20	M	2, 35 " "
uly 1854	11	14	M	1.55 44 44	Jan. 1874	10	20	M	2. 35 44 44
fan. 1855	11	14	M	1.50 ** **	July 1874	10	19	M	2.35 " "
July 1855	11	11	M	1.50 " "	Jan. 1875	10	20	M	2.35 " "
Jan. 1856	11	14	M	1.50 ** **	July 1875	10	18	M	2.35 " "
July 1856	11	14	M	1.60 " "	Jan. 1876	10	17	M	2. 25 ** **
Jan. 1857	11	14	M	1.60 " "	July 1876	10	20	M	2. 25 ** **
July 1857	11	14	M	1.60 "	Jan. 1877	10	18	M	2. 25 ** **
Jan. 1858	11	14	M	1.60 " "	July 1877	10	18	M	2. 25 44 44
July 1858	11	15	M	1.60 " "	Jan. 1878	10	18	M	2. 25 4 4
Jan. 1859	111	16	M	1.00	July 1878	10	18	M	2. 20
July 1859	11	17	M	1.00	Jan. 1879	10	25	M	2.00
Jan. 1860	11	17	M	1. 50	July 1879	10	25	M	2,00
July 1860	11	17 17	M	1.00	Jan. 1880	10	43	M	2.00
Jan. 1861	11 11	17	M	1.50 " "	July 1880 Jan. 1881	10 10	92	M	2. 25 " " "
July 1861 Jan. 1862	111	17	M	1.50 - " "	July 1881	10	85	M	2.50 " "
July 1862	11	17	M	1.50 " "	Jan. 1882	10	80	M	2.50 " "
Jan, 1863	11	22	M	1.50 " "	July 1882		80	M	2. 25 ** **
July 1863	11	99	M	1.70 "	Jan. 1883	10	75	M	2. 25 " "
Jan. 1864	ii	22 25	M	1,80 "	July 1883	î	70	M	2. 25 " "
July 1864	ii	25	M	2.30 " "	Jan. 1884	10	65	M	2. 25 " "
Jan. 1865	iî	25	M	2. 25 " "	July 1884	10	62	M	2, 25 44 44
July 1865	11	٤ 25	M	2. 25 " "	Jan. 1885	10	60	M	2.50 16 46
Jan. 1866	10	26	M	2.35 11 11	July 1885	10	60	M	2.50 44 44
July 1866	10	26	M	2.50 " "	Jan. 1886	10	60	M	2. 25 " "
Jan. 1867	10	26	\mathbf{M}	2,50 44 44	July 1886	10	60	M	2, 25 44 44
July 1867	10	26	M	2.50 " "	Jan. 1887	10	60	M	2. 25 ** **
Jan. 1868	10	26	M	2.50 ** **	July 1887	10	55	M	2, 25 ** **
July 1868	10	26	M	2. 50 " "	Jan. 1888	10	45	M	2. 25 44 44
Jan. 1869	10	27	M	2.50 " "	July 1888	10	45	M	2. 25 " "
July 1869	10	15	M	2.50 " "	Jan. 1889	10	45	M	2. 25 '' "
Jan. 1870	10	26	M	2. 50 44 44	July 1889	10	50	M	2. 25 44 44
July 1870	10	20	\mathbf{M}	2.50 "	Jan. 1890	10	50	M	2. 25 44 44
Jan. 1871	10	20	M	2. 50 11 11	July 1890	10	50	M	2. 25 " "
July 1871	10	17	M	2. 50 " "	Jan. 1891	10	50	M	2. 25 " "
Jan. 1872	10	17	M	2. 50 " "	July 1891	10	50	M	2. 25 ** **

PATTERNMAKERS.

					41		1		
Jan. 1853	.11	1	M	1.40 per day.	July 1867	10	1	M	2. 50 per day.
July 1853	11	ī	M	1.40 " "	Jan. 1868	10	1	M	2, 50
Jan. 1854	11	ī	M	1,50 " "	July 1868	10	i i	\mathbf{M}	2.50 " "
July 1854	îî	î	M	1.50 " "	Jan. 1869	10	1	M	2, 50 " "
Jan. 1855	îî	î l	$\overline{\mathbf{M}}$	1.50 11 11	July 1869	10	1	\mathbf{M}	2.75 " "
July 1855	iî	ī	M	1.50 " "	Jan. 1870	10	1	\mathbf{M}	2.85 " "
Jan. 1856	îî	ī	\mathbf{M}	1, 50 44 44	July 1870	10	1	M	2.75 " "
July 1856	îî	1	M	1.60 " "	Jan. 1871	10	1	M.	2.50 " "
Jan. 1857	îī	i	M	1. 60 ** **	July 1871	10	1	\mathbf{M}	3.00 ** **
July 1857	11	1	M	1.75 " "	Jan. 1872	10	1	M	3.00 44 44
Jan. 1858	11	1	\mathbf{M}	1.85 " "	July 1872	10	1	M	3.00 " "
July 1858	11	1	\mathbf{M}	1.85 " "	Jan. 1873	10	1	M	3.00 " "
Jan. 1859	11	1	\mathbf{M}	1.85 " "	July 1873	10	#1	M	3.00 ** **
July 1859	11	1	\mathbf{M}	1.75 " "	Jan. 1874	10	1	M	3.00 44 44
Jan. 1860	14	1	\mathbf{M}	1.75 " "	July 1874	10	1	\mathbf{M}	3.00 " "
July 1860	11	1	\mathbf{M}	1.75 " "	Jan. 1875	10	1	M	3.00 " "
Jan. 1861	- 11	1	M	1.75 '' ''	July 1875	10	1	M	3.00 " "
July 1861	11	1	M	1.75 " "	Jan. 1876	10	1	M	3.00
Jan. 1862	11	1	\mathbf{M}	1.75 " "	July 1876	10	1	M	3.00 14 44
July 1862	11	1	\mathbf{M}	1.75 " "	Jan. 1877	10	1	M	3, 00 " "
Jan. 1863	- 11	1	^M.	1.75 " "	July 1877	10	1	M	3.00 " "
July 1863	11	1	M	1.75 " "	Jan. 1878	10	1	M	2.50 " "
Jan. 1864	11	1	\mathbf{M}	2.00 " "	July 1878	10	1	M	2,50 44 44
July 1864	11	1	\mathbf{M}	2.40 "	Jan. 1879	10	1	M	2.00
Jan. 1865	11	1	\mathbf{M}	2.40 " "	July 1879	10	1	M	2. 30
July 1865	11	1	M	2.40 " "	Jan. 1880		1	M	4. 40
Jan. 1866	10	1	\mathbf{M}	2.50 " "	July 1880	10	1	M	2.50 44 44
July 1866	10	1	\mathbf{M}	2.50 " "	Jan. 1881	10	1	M	2.00
Jan. 1867	10	1	M	2.50 " "	July 1881	10	1	M,	2.50 44 44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 59, MASSACHU-SETTS—Concluded.

PATTERNMAKERS-Concluded.

Payroll Hours per day.	Different Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of	wages.
Jan. 1882 10 July 1882 10 Jan. 1883 10 July 1883 10 July 1884 10 July 1884 10 July 1885 10 July 1885 10 July 1886 10 July 1886 10	1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M	\$2.50 per day. 2.75	Jan. 1887 July 1887 Jan. 1888 Jan. 1889 July 1880 Jan. 1890 Jan. 1890 Jan. 1891 July 1891	10 10 10 10 10 10 10	1 1 1 1 1 1 1 1	M M M M M M M M	\$2. 75 per 2. 75 " 2. 75 " 2. 75 " 2. 75 " 2. 75 " 2. 75 " 2. 75 " 2. 75 " 2. 75 " 2. 75 " 2. 75 "	14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 -

METALS AND METALLIC GOODS: ESTABLISHMENT No. 60, MASSACHU-SETTS.

LABORERS.

Jan. 1845	1	1					- 11 - 1	- 1	1				
	12	4	M	. 65	per	dav.	Jan. 1868	10	9	м	1.75	per	day.
July 1845	12	5	M	. 65	11	11	July 1868	10	13	M	1.75	44	""
Jan. 1846	12	3	$\widetilde{\mathbf{M}}$	65	4.6	6.6	Jan. 1869	10	16	M	1. 80	6.6	16
July 1846	12	6	$\overline{\mathbf{M}}$. 70	6.6	44	July 1869	10	14	M	1.75	44	4.6
Jan. 1847	12	7	M	. 70	6.6	6.6	Jan. 1870	10	13	M	1.75	44	4.6
July 1847	12	8	M	.70	6.6	4.6	July 1870	10	15	M	1. 80	4.6	44
Jan. 1848	12	10	M	. 70	6.6	6.6	Jan. 1871	10	11	M	2.00	44	46
July 1848	12	15	M	. 70	4.6	4.6	July 1871	10	12	M	1, 80	6.6	66
Jan. 1849	12	15	M	.70	8.6	6.6	Jan. 1872	10	12	M	1, 80	6.6	6.6
July 1849	12	16	M	.70	6.6	6.6	July 1872	10	12	M	1.80	6.6	6.6
	12	14	M	. 75	4.6	6.6	Jan. 1873	10	15	M	1.75	16	4.6
Jan. 1850	12	12	M·	. 75	4.6	66	July 1873	10	17	M	1. 75	4.6	4.6
July 1850		10	M	.75	16	4.6	Jan. 1874	10	16	M	1. 75	44	4.6
Jan. 1851	11	12	M	.75		66	July 1874	10	15	M	1. 75	14	6.6
July 1851	11		M		66	4.6			18	M	1.40	44	66
Jan. 1852	11	12		. 75	4.6	44	Jan. 1875	10		M		44	44
July 1852	11	12	M	. 75	6.6	66	July 1875	10	17		1.35	46	66
Jan. 1853	11	14	M	. 75	46	66	Jan. 1876	10	12	М	1. 35	64	46
July 1853	11	16	M	. 75	11		July 1876	10	17	M	1.40	44	44
Jan. 1854	11	15	M	. 75	64	66	Jan. 1877	10	.18	M	1.12	41	15
July 1854	11	10	M	. 75	**	44	July 1877	10	20	M	1. 12	64	44
Jan. 1855	11.	12	M	. 75	66	44	Jan. 1878	10	25	M	1.12	44	44
July 1855	11	. 9	M	. 75	64	**	July 1878	10	28	М	1. 25	46	"
Jan. 1856	10	11	M	. 75	44		Jan. 1879	10	34	M	1.10		16
July 1856	10	10	M	. 75	64		July 1879	10	35	M	1.15	11	66
Jan. 1857	10	14	М	1,00	44		Jan. 1880	10	36	\mathbf{M}	1. 15	44	
July 1857	10	13	М	1.00		44	July 1880	10	35	M	1.15	4.6	46
Jan. 1858	10	12	M	1.00	8.6	4.6	Jan. 1881	10	33	M	1. 25	6.6	44
July 1858	10	_8	M	1.00	8.6	4.6	July 1881	10	45	M	1.30	44	44
Jan. 1859	10	10	M	1.00	4.6	4.6	Jan. 1882	10	39	M	1, 25	68	16
July 1859	10	6	\mathbf{M}	1.124	4.6	4.6	Jan. 1884	10	44	M	1.40	- 11	46
Jan. 1860	10	9	М	1, 25	6.6	44	July 1884	10	44	\mathbf{M}	1.40	44	44
July 1860	10	13	M	1, 25	6.6	4.4	Jan. 1885	10	59	М	1.30	6.6	64
Jan. 1861	10	12	М	1.50		4.6	July 1885	10	40	M	1. 20	4.4	66
July 1861	10	10	м	1.50	14	4.4	Jan. 1886	10	34	M	1.20	44	6.6
Jan. 1862	10	16	M	1.50	11	6.6	July 1886	10	47	M	1.25	4.6	6.6
July 1862	10	16	M	1.50	**		Jan. 1887	10	49	M	1.30	4.6	4.6
Jan. 1863	10	18	\mathbf{M}	1. 75	6.6	6.6	July 1887	10	55	M	1. 25	1.6	4.6
July 1863	10	14	M	1, 75	6.6	6.6	Jan. 1888	- 10	63	M		66	4.6
Jan. 1864	10	14	М	1, 75	16	6.6	July 1888	10	61	M	1. 25	44	16
July 1864	10	12	М	1, 75	6.4	4.6	Jan. 1889	. 10	47	M	1. 25	4.6	44
Jan. 1865	10	12	M	1.60	4.6	6.6	July 1889	10	54	M	1. 25	44	64
July 1865	10	10	M	1.75	6.6	6.6	Jan. 1890	io l	53	M	1. 25	64	4.6
Jan. 1866	10	14	M	2.00	4.6	6.6	July 1890	10	62	M	1. 25	66	44
July 1866	10	15	M	1 2.00	4.4	4.6	Jan. 1891	, 10	62	M	1. 25	44	44
Jan. 1867	10	11	M	1.75	6.6	4.4	July 1891	10	88	M	1. 25	16	16
July 1867	10	îô	M	1.75	**	44	J 4.3 1031	. 10	•		1.20		
,, 1001		10	~~~	1 10			II I				i		

MACHINISTS.

Jan. 1845 July 1845 Jan. 1846	12 5	M 1. M 1. M 1.	50 " "	July 1846 Jan. 1847 July 1847	12	12	\mathbf{M}	1.50	per day.
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METALS AND METALLIC GOODS: ESTABLISHMENT No. 60, MASSACHU-SETTS—Continued.

MACHINISTS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Pay: of-		Hours per day.	Different employés.	Sex.	Rate	of	wages
Jan. 1848	12	22	M	\$1.50	per	day.	July	1869	10	104	м	\$3.00	nor	day.
July 1848	12	30	M	1.50	- 11	11"	Jan.		10	102	M	3, 00	Per	ii.
Jan. 1849	12	33	M	1.50	66		July		10	97	M	3.00	6.4	44
July 1849	12	37	M	1.50	6.6	4.6	Jan.		10	89	M	3.00	6.6	4.6
Jan. 1850	12	40	M	1.56	6.6	4.4	July	1871	10	105	M	3.00	"	11
July 1850	12	42	M	1.56	6.6		Jan.	1872	10	109	M	3.00	6.6	44
Jan. 1851	11	43	M	1.54			July	1872	10	108	M	3.00	. 44	4.6
July 1851	11	40	M	1.54	6.6		Jan.	1873	10	120	м	3.00	6.6	6.6
Jan. 1852	11	41	M	1.43	6.6	4.8	July	1873	10	124	M	3.25	6.6	6.6
July 1852	11	40	M	1.43	4.4	6.6	Jan.	1874	10	123	M	3.00	4.6	6.6
Jan. 1853	31	45	M.	1.43	4.6	16	July		10	117	M	3.00	4.1	4.6
July 1853	11	47	M	1.43	66		Jan.		10	108	M	2.40	4.4	6.6
Jan. 1854	11	44	M	1.43	14	6.6	July	1875	10	112	M	2.40	4.6	6.6
July 1854	11	50	M,	1.43	6.6	**	Jan.		10	115	M	2.40	6.6	4.6
Jan. 1855	11	61	M	1.43	16	4.6	July		10	110	M	2.40	44	44
July 1855	11	72	M	1.43	* *	44	Jan.		10	102	М	1.92	6.6	6.6
Jan. 1856	10	75	M	1.30	44	46	July		10	89	M	1.92	44	44
July 1856	10	75	M	1.30	- 11	66	Jan.		10	85	M.	1. 92	66	44
1857 .نىما	10	74	M	1.40	66		July		10	87	M	1.92	44	4.6
July 1857	10	73	M	1.40	44	16	Jan.		10	90	M	1.92	44	
Jan. 1858	10-	72	M	1.661	44		July		10	93	M	1.92	44	"
July 1858	10	73	M	1.66	66		Jan.			88	M	2.161	44	46
Jan. 1859	10	75	M	1.661	44		July			102	M	2. 20	64	66
July 1859	10	76	M	1.661			Jan.			100	M	2. 25	4.6	66
Jan. 1860	10	-75	M	1.66	61		July			112	M	2.40	66	66
July 1860	10	73	M	1.661	46		Jan.			95	M	2.40	66	44
Jan. 1861	10	72	M M	1.80	46		Jan.			97	M	2.35		61
July 1861	10	72 65	M	2. 20	16		July Jan.			97 97	M	2. 40		4.4
Jan. 1862	10	75	M	2, 20	16					71	M	2, 30	64	44
July 1862	10	65	M	3. 00	6.6		July Jan.			71	M	2. 20	1.6	6.6
Jan. 1863	10	60	M	3.00		44	July			124	M	2, 20	16	6.1
July 1863 Jan. 1864	10	54	M	2, 75	"		Jan.			123	M	2. 25	46	66
July 1864	10	52	M	2. 75	66	4.6	July			140	M	2.30	4.6	4.4
Jan. 1865	10	62	M	3.00	66	6.6	Jan.			145	M	2. 25	46	44
July 1865	10	59	M	3, 00	66	6.6	July			131	M	2. 25	6.4	44
Jan. 1866	10	91	M	3.00	6.6		Jan.			123	M	2, 25	66	44
July 1866	10	82	M	3.00	6.6	4.4	July			117	M	2. 25	6.6	66
Jan. 1867	10	85	M	3.00	66	4.6	Jan.			135	M	2. 25	66	6.6
July 1867	10	74	M	3.00	4.6	44	July			133	M	2. 25	6.6	4.4
Jan. 1868	10	87	M	3.00	6.6	66	Jan.			152	M	2. 25	66	44
July 1868	10	92	M	3.00	66	44	July			182	M	2. 25	6.6	4.6
Jan. 1869	10	95	M	3.00	6.6	44	" "		1 -					
A 1000	10	30		1 5.00			U		1	1	1	1		

PATTERNMAKERS.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 60, MASSACHU. SETTS—Concluded.

PATTERNMAKERS-Concluded.

Payroll of	Hours per day.	Different employés.		Rate	of	wages.	Payr of-		Hours per day.	Different employés	Sex.	Rate	of	wage
Jan. 1871 July 1871 July 1871 July 1872 July 1872 July 1873 July 1873 July 1873 July 1874 July 1875 July 1876 July 1876 July 1876 July 1876 July 1877 July 1878 July 1879 July 1879 July 1879 July 1879 July 1879 July 1889 July 1880	10 10 10 10 10 10 10 10 10 10 10 10 10 1	677778765555554467777	M M M M M M M M M M M M M M M M M M M	\$3.00 3.00 3.00 3.00 3.00 3.25 3.00 3.00 2.40 2.50 2.50 2.00 2.25 2.25 2.25 2.30 2.37 2.36 2.37 2.36 2.37 3.37 3.38	64 64 64 64 64 64 64 64 64 64 64 64 64 6	day.	Jan. July Jan. July Jan. July Jan. July Jan. July Jan. July Jan. July Jan. July Jan. July Jan. July Jan. July Jan. July Jan. July	1881 1882 1884 1884 1885 1886 1886 1887 1887 1888 1888 1889 1890 1890 1891	10 10 10 10 10 10 10 10 10 10 10 10 10 1	6877777665574664577777777777777777777777	M M M M M M M M M M M M M M M M M M M	\$2. 30 2. 36 2. 45 2. 40 2. 40 2. 30 2. 30 2. 30 2. 30 2. 25 2. 25 2. 25 2. 25 2. 50 2. 50 2. 50 2. 50	per 44 44 44 44 44 44 44 44 44 44 44 44 44	day.

WATCHMEN.

												_	
Jan. 1845	12	1	М	.75		day.	Jan. 1868	12	1	м	2.40	per	day,
July 1845	12	1	M	. 75	* 11	**	July 1868	12	1	M	2.64	-11	44
Jan. 1846	12	1	M	.75	6.6	6.6	Jan. 1869	12	1	M	2.70	8.6	6.5
July 1846	12	1	М	. 75	4.4	6.6	July 1869	12	ī	M	2.70	44	6.6
Jan. 1847	12	1	71	. 75	6.6	6.6	Jan. 1870	12	Ī	$\overline{\mathbf{M}}$	2.70	1.6	44
July 1847	12	1	M	. 75	4.6	11	July 1870	12	ī	M	2.70	6.6	44
Jan. 1848	12	1	M	. 75	6.6	4.6	Jan. 1871	12	ī	M	2.70		46
July 1848	12	1	M	. 75	4.4	6.6	July 1871	12	ĩ	M	2.70	4.6	6.6
Jan. 1849	12	î	M	. 75	64	4.6	Jan. 1872	12	î	M	2.70	6.6	4.6
July 1849	12	î	M	.75	44	6.6	July 1872	12	Ĩ	M	2.70	16	44
Jan. 1850	12	î	M	.75	44	4.6	Jan. 1873	12	î	M	2.70	6.6	66
July 1850	12	l î	М	.75	6.6	4.6	July 1873	12	i	M	2.70	"	44
Jan. 1851	12	î	M	.85	6.6	44	Jan. 1874	12	i	M	2.70		4.6
July 1851	12	1 1	M	.85	14	6.6	July 1874	12	i	M	2.70	44	66
	12	1	M	. 85	64	6.6		12	1	M	2. 16	8.6	44
Jan. 1852	12		M	.85	44	4.6	Jan. 1875		1	M	2.40		44
July 1852		1	M	85	66	46	July 1875	12				66	66
Jan. 1853	12				6.6	44	Jan. 1876	12	1	M	2.40	66	61 .
July 1853	12	1	M	. 85	46	44	July 1876	12	1	M	2.40	66	
Jan. 1854	12	1	M	. 85	44	46	Jan. 1877	12	1	M	1. 92	66	44
July 1854	12	1	M	. 85	44	44	July 1877	12	1	M	2. 10	- 44	44
Jan. 1855		1	71	. 85		6.6	Jan. 1878	12	1	M	2. 10		11
July 1855	12	1 1	M	. 85	66		July 1878	12	1	M	2. 10	44	
Jan. 1856	12	1	М	. 85		4.6	Jan. 1879	12	1	M	2. 10	6.6	44
July 1856	12	1	М	. 85	61	44	July 1879	12	1	M	2.10	64	64
Jan. 1857	12	1	M	1.00	8.6	44	Jan. 1880	12	1	M	1.80	44	46
July 1857	12	1	М	1,00	44	4.6	July 1880	12	1	M	1.80	4.4	64
Jan. 1858	12	1	М	1.00	6.6	66	Jan. 1881	12	1	M	1.80	4.6	16
July 1858	12	1	М	1.00	**	8.6	July 1881	12	1	M	1.92	6.6	44
Jan. 1859	12	1	M	1,00	6.6	44	Jan. 1882	12	1	M	1.92	44	14
July 1859	12	1	М	1.00	**	44	Jan. 1884	12	1	M	1.92	6.6	64
Jan. 1860	12	1	M	1,50		4.6	July 1884	12	1	М	1.92	44	64
July 1860 [†]	12	1	M	1.50	+ 6	44	Jan. 1885	12	1	M	1.80	6.6	6.6
Jan. 1861	12	1	М	1.80	4.4	4.6	July 1885	12	1	M	1.80	4.5	44
July 1861	12	1	М	1,80	44	6.6	Jan. 1886	12	1	M	1.80	6.5	6.6
Jan. 1862	12	1	M	1, 80	4.4	4.6	July 1886	12	1	M	1.80	4.6	4.4
July 1862	12	1	M	1.80	4.6	6.6	Jan. 1887	12	1	М	2, 10	6.6	1.6
Jan. 1863	12	1	M	1,80	44	6.4	July 1887	12	ī	M	2. 10	44	6.6
July 1863	12	1	M	1.80	44	4.5	Jan. 1888	12	ī	М	2.10	66	6.6
Jan. 1864	12	ī	M	1.80	14	4.4	July 1888	12	î	M	2. 10	84	6.6
July 1864	12	<u>ī</u>	M	2.10	6.6	66	Jan. 18×9	12	î	м	2. 10	6.6	4.4
Jan. 1865	12	l ī	M	2, 10	4.6	44	July 1889	. 12	î	М	2.10	4.4	14
July 1865	12	l îl	$\widehat{\mathbf{M}}$	2.40	46	66	Jan. 1890	12	î	M	2.10	4.6	6.6
Jan. 1866	12	l îl	M	2, 40	44	16	July 1890	12	i	M	2.10	4.6	44
July 1866	12	l î!	M	2.40	6.6	44	Jan. 1891	12	i	M	2.10	4.6	44
Jan. 1867	12	î	M	2.40	6.6	44	July 1891	12	î	M	2.10	66	44
July 1867	12	i	M	2.40	44	6.60	J 113 1331	1.0	1				
2 41,7 2001			111	2. 20			ll .	ŀ					
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METALS AND METALLIC GOODS: ESTABLISHMENT No. 61, MASSACHU-SETTS.

BLACKSMITHS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.	Payroll of -	Hours per day.	Different employés.	Sox.	Rate	of w	ages
Jan. 1851	12	1	М	\$1.50	per day.	July 1871	10	1	м	\$3,00		1
July 1851	12	ī	M	1.50	per day.	Jan. 1872	10	î	M.	3.00	per d	iay,
Jan. 1852	12	ī	M	1,50	44 44	July 1872	10	1	M	3.00		4.6
July 1852	12	î	M	1,50	44 44	Jan. 1873	10	1	M	3.50		66
Jan. 1853	12	ī	M	1.50	64 66	July 1873	10	î	M	3.50	4.6	4.6
July 1853	12	ī	M.	1.50	44 44	Jan. 1874	10	î	M	3.50	4.6	6.6
Jan. 1854	12	1	M	1,50	11 11	July 1874	10	î	M	3.50	44	4.6
July 1854	12	ī	M	1.50	44 44	Jan. 1875	10	î	M	3.50	4.6	4.6
Jan. 1855	11	ī	M	1.75	46 _ 46	July 1875	10	î	M	3, 50	4.6	66
July 1855	11	1	M	1.75	44 44	Jan. 1876	10	ĩ	M	3, 50	6.6	44
Jan. 1856	11	1	M	1.75	46 46	July 1876	10	ī	M	3.00	4.6	66
July 1856	11	1	M	1.75	14 66	Jan. 1877	10	î	M	3, 00	4.6	6.6
Jan. 1857	11	1	M	2.00	44 86	July 1877	10	1	\mathbf{M}	3.00	44	64
July 1857	11	1	м	2,00	44 +4	Jan. 1878	10	1	M	3, 00	44	4.6
Jan. 1858	11	1	M	2.00	46 46	July 1878	10	1	M	3, 00	44	11
July 1858	11	1	M	2.00	66 66	Jan. 1879	10	1	M.	2.75	6.6	4.6
Jan. 1859	11	1	M	2.00	** **	July 1879	10	1	M	2.75	44	6.6
July 1859	11	1	M	2.00	44 44	Jan. 1880	* 10	1	M	2.75	6.6	4.6
Jan. 1860	11	1	M	2.00	44 44	July 1880	10	1	M	2.75	6.6	6.6
July 1860	11	1	M	1.75	44 44	Jan. 1881	10	1	M	3. 25	4.4	4.6
Jan. 1861	11	1	M	1.75	46 46	July 1881	10	1	M	3. 25	6.6	
July 1861	11	1	M	1.75	14 14	Jan. 1882	10	1	M	3.25		1.6
Jan. 1862	11	1	M	1.75	46 46	July 1882	10	1	M	3, 25		4.6
July 1862	11	1	M	1.75	14 14	Jan. 1883	10	1	м	3. 25		4.6
Jan. 1863	11	1	M	2.00	66 44	July 1883	10	1	M	3. 25		66
July 1863	11	1	M	2.00	44 44	Jan. 1884	10	1	M	3. 25		6.6
Jan. 1864	11	1	M	2.00	44 44	July 1884	10	1	M	3. 25		6.6
July 1864	11	1	M	2.38	44 45	Jan. 1885	10	1	M.	3. 25		44
Jan. 1865	11	1	М	2.38	44 64	July 1885	10	1	M	3, 25		
July 1865	11	1	M	2.38	66 64	Jan. 1886	10	1	М	3. 25		4.6
Jan. 1866	11	1	М	2.38	44 44	July 1886	10	1	M	3, 25		44
July 1866	11	1	M	2.38	46 * 44	Jan. 1887	10	1	M	3, 25		6.6
Jan. 1867	11	1	M	3.00	44 44	July 1887	10	1	М	3. 25		6.6
July 1867	11	1	M	3.00		Jan. 1888	10	1	M	3. 25		44
Jan. 1868	11	1	M	3.00	16 16	July 1888	10	1	M	3, 25		44
July 1868	11	1	M	3.00	44 46	Jan. 1889	10	1	M	3, 25		46
Jan. 1860	11	1	M	3.00	14 46	July 1889	10	1	M	3, 25		41
July 1869	11	1	M	3.00	66 66	Jan. 1890	10	1	M	3, 25		41
Jan. 1870	10	1	M	3.00	** **	July 1890	10	1	M	3, 25		4.6
July 1870	10	1	M	3.00	16 16	Jan. 1891	10	1	M	3. 25		44
Jan. 1871	10	1	M	3.00	••	July 1891	10	1	M	3.50		

LABORERS.

	_												
Jan. 1846 July 1846	13 13	1 1	M M	1.00 1.00	per	day.	July 1854	$^{12}_{12}$	1 1	M M	1.00 1.25	per	day.
Jan. 1847 July 1847	13 - 13	1	M	1.00 1.00	4.6	61	Average	12	2	M	1. 121	4.4	4.6
Jan. 1848 July 1848	13 13	1 1	M	1.00 1.00	44	44	Jan. 1855	11	2	M	1.25	44	46
Jan. 1849	13 13	2 2	M	1.00	44	44	July 1855 Jan. 1856	11 11	2 2	M	1. 25 1. 25	44	66
July 1849 Jan. 1850	12	2	M	1.00	44	44	July 1856	11	2	M	1. 25	4.4	44
July 1850 Jan. 1851	12 12	2 2	M M	1.00	44	46	Jan. 1857 July 1857	11 11	4	M	1.00 1.00	44	44
July 1851	12	2	M	1.00	44	44	Jan. 1858	11	4	M	1.00	44	14
Jan. 1852 July 1852	12 12	2 2	M M	1.00	68	66	July 1858	11	4	M	1.00	**	
-		_	_				Jan. 1859	11	2 2	M	1.00	46	44
Jan. 1853	$\frac{12}{12}$	1 1	M M	1.00 1.25	46	66		11		M	1.25	•••	
					44	44	Average .	11	4	M	$1.12\frac{1}{2}$	44	16
Average	12	2	M	1.12			July 1859	11	2	м	1,00	**	44
July 1853	12 12	1 1	M M	1.00 1,25	44	66	July 1839	11	2	M	1. 25	4.4	44
							Average	11	4	M	1, 124	66	6
Average	. 12	2	M	1.121	4.6	**	11 TOTAL		~		•		
Jan. 1854	12	1	M	1.00	66	44	Jan. 1860	11 11	2	M	1.00 1.25	14	64 64
	12	1	_M	1. 25		·							
Average	18	2	M	1.12	**	**	Average	11	4	M	1, 12	44	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 61, MASSACHU. SETTS—Continued.

Payroll of—	Hours per day.	Different employes.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	Vage	B.
J uly 1860	11 11	2 2	M M	\$1.00 1.25	pe	r day.	Jan. 1877	10 10	1 3	M M	\$1.25 1.60	per	day	
Average	11	4	M	1. 12½	4		Average	10	4	M	1.511	46	44	
Jan. 1861 July 1861	11 11	2 2	M M	1. 25 1. 25	6	1.6	July 1877	10 10	1 3	M M	1. 25 1. 60	66	"	
Jan. 1862 July 1862	11 11	1 1	M	1.25 1.33			Average	10	4	M	1.511	46	44	
Jan. 1863 July 1863 Jan. 1864	11 11 11	2 2 3	M M M	1.33 1.50 1.50	4	4 44	Jan. 1878	10 10	1 3	M M	1. 25 1. 60	11	44	
July 1864	11 11	3 4	M	1.50	41		Average	10	4	M	1. 511	11	44	
Jan. 1865 July 1865	11	4	M	1.50	44		July 1878	10	1	M	1. 25		44	
Jan. 1866	11 11	1 1	M	1. 25 1. 50	11		Awaraga	10	3	M	1.60	**	66	
Average	11	2	M	1.371	6.0	44	Average		4	M	1.511			
July 1866	11	1	м	1. 25	61		Jan. 1879 July 1879	10 10	2 2	M M	1.50 1.50	64	44	
Average	11	1 2	M	1.50	61		Jan. 1880	10 10	1 1	M M	1. 25 1. 50	66	86 -	
Jan. 1867	11		M	1.50	. 40	. 46	Average	10		M	1.371	44	46	
Jan. 1807	11	< 1 1	M	1.75	61	46	July 1880	10 10	1	M	1. 25 1. 50	44	46	
Average	11	2	M	1.621	4.0	44								,
July 1867	11 11	1	M M	1.50 1.75	41		Jan. 1881	10 10	1	M M	1. 37½ 1. 25 `	"	**	
Average	11	2	M	1.621	44	44	-\	10 10	1 2	M M	1. 45 1. 50	66	"	
Jan. 1868	11 11	1 1	M M	1.50 1.75	44		Average	10	4	М	1. 421	"	**	
Average	11		M	1.621	46		July 1881	10 10	1 3	M M	1. 25 1. 50	"	66 61	
July 1868	11 11	1	M M	1.50 1.75	46		Average	10	4	М	1. 431	. 44	64	
Average	11	2	M	1, 621		66	Jan. 1882	10 10	3	M M	1.50 1.62½	46	44	
Jan. 1869	11	1	M	1.75	66	66		10	2	M	1.65		4.6	
July 1869 Jan. 1870	11 10	1	M	1.75	44	16	Average	10	6	M	1, 57	4.4	64	
July 1870 Jan. 1871	10 10	$\frac{1}{2}$	M	1.75 1.75	66	66	July 1882	10	3	M	1.50		**	
July 1871	10	2	M	1.75	6.6	4.6		10	1	M	1. 62½ 1. 65	44	44	
Jan. 1872 July 1872	10 10	2 2	M	1.75 1.75	46	11		10	2	M				
Jan. 1873	10	3	M	1.75	4.5	66	Average	10	6	M	1.57		44	
July 1873	10 10	3	M M	1. 75	14	44	Jan. 1883	10	1	м	1.40	4.4	46	
Jan. 1874 July 1874	10	3	M	1.75 1.75	6.6	**		10	6	M	1.50	14	44	
	1							* 10 * 10	$\frac{1}{2}$	M M	1. 62½ 1. 65	44	66	
Jan. 1875	10 10	1 4	M M	1. 25 1. 75	11	**	Average	10	10	М	1.531	44	44	
Average	10	5	M	1.65	4 6	44	July 1883	10	7	м	1.50	1.6	44	
July 1875	10 10	1 4	M M	1. 25 1. 75	44	44		10	2	M	1.62½ 1.65	88	44	
Average	10	5	м	1. 65	44	44	Average	10	10	M	1. 541	46	44	
Jan. 1876	10	1	м	1. 25	44	49	Jan. 1884	. 10	7	M M	1.50 1.62½	11	44	ь.
	10	3	М	1.60		1		10	2	М	1.65	16	16	
Average	10	4	М	1.51	4.0	46	Average	10	10	м	1.54	14	44	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 61, MASSACHU-SETTS—Continued.

LABORERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages
July 1884	10 10 10	6 1 2	M M M	\$1,50 1,62½ 1,65	per "	day.	Jan. 1888	10 10 10	2 2 1	M M M	\$1.50 1.56 1.60	per	day.
Average	10	9	М	1. 541		44	Average	10	5	M	1,541	4.4	44
Jan . 1885	10 10 10	2 1 3	M M M	1.50 1.62½ 1.65	44	45 64 46	July 1888	10 10 10	2 2 1	М М М	1. 50 1. 56 1. 60	14	44 44 44
Average	10	6	M	1.591	44	4.6	Average	10	5	м	1.541		44
Jul y 1885	10 10 10	2 I 3	M M M	1. 50 1. 62½ 1. 65	4.6 6.6	6 6 6 6	Jan. 1889	10 10	3 2	M M	1.50 1.56	64	16
Average	10	6	M	1. 594	44	44	Average	10	5	M	$1.52\frac{1}{2}$	44	44
Jan. 1886	10 10	2 1	M M	1.50 1.62½	66	44	July 1889	10 10	3 2	M M	1.50 1.56	46	44
	10	3	M	1.65	/44	"	Average		5	M	1.521	66	61
Average		6	М	1. 59₺	4.6	14	Jan. 1890	10	3 2	M	1.50 1.56	44	44
July 1886	10 10	2 3	M	1.50 1.65	44	16	Average	10	5	<u>м</u>	1. 52½	44	16
Average		5	М	1. 59	44	**	July 1890	10 10	- 3 2	M M	1.50 1.56	66	66
Jan. 1887	10 10	1 2	M M	1.50 1.56	14	66	Average	10	5	M	1.521	6.6	64
Average	10	2	M	1. 65	46	16	Jan. 1891	10 10	3 2	M M	1.50 1.56	11	44
Ŭ		5	М	1.581			Average	10	5	M	1.521	**	44
July 1887	10 10	1 2	M	1.50 1.56	66	46	July 1891	10	3	M	1.50		44
	10	2	M	1.65	44	66		10		M	1, 56	4.4	**
Average	10	5	M	1. $58\frac{1}{2}$	4.6	11	Average	10	5	M	$1.52\frac{1}{2}$	14	6.6

MACHINISTS.

Jan. 1844	13		1	м	1.371	nor	don	Jan. 1851	12	3	м	1. 331	nar	don
July 1844	13		1	M		per	tiay.	Jan. 1001	12	1 1	M	1.37	ber.	day.
Jan. 1845	13		1		1.371	66	4.6		12	3	M	1.50	4.6	16
			Ţ	M	$1.37\frac{1}{2}$	44	66		12	3			66	
July 1845	13	ĺ	1	M	1. 37	4.4	44	4 1		Ţ	M	1.75	6.6	64
Jan. 1846	13		1	M	1.50	- 64	5.6	.1 [12	Ι	M	2.00	•••	••
July 1846	13		1	M	1.50	44					20	4 244	44	44
Jan. 1847	13		1	\mathbf{M}	1.50		14	Average	12	9	M.	1.511	**	**
July 1847	13		1	M	1.50	6.6	6.6	1						
Jan. 1848	13		1	M	1, 75	44	14	July 1851	12	3	M	1.331	11	4.6
July 1848	13		1	M	1.75	44	44	0 uly 1001	12	1	M	1.37	6.6	44
Jan. 1849	13		1	M	1.75	4.6	4.6	il l	12	3	M	1.50	1.6	44
July 1849	13		1	M	1, 75	44	4.6		12	1	M	1. 75	6.6	64
		ĺ						- H I	12 -	1	M	2.00	4.6	6.6
Jan. 1850	12		3	\mathbf{M}	1.331	+4	4.6		1,27	'	MI	2.00		
	12		1	M	1.37%	6.6	6.6	A	12	9	M	1.511	64	4.6
	12		1 3	M	1.50	6.6	4.6	Average	72	ย	JYA.	1.015		
	12		1	M	1.75	1.6	4.6					,		
	12		1	M	2,00	44 ,	. 66	Jan. 1852	12	3	M	1.33%	6.6	4.6
									12	1	M	1.37%	6.6	6.6
Average	12		9	\mathbf{M}	1.511	66	6.6	11 1	12	3	M	1.50	1.6	6.6
		at the			1.019			il 1	12	1 1	M	1.75	4.6	4.6
July 1850	12		3	M	1, 331	6.6	4.6		$\tilde{1}\tilde{2}$	ĩ	$\overline{\mathbf{M}}$	2,00	4.6	6.6
- ung 1000,	12		1	M	1. 37	44	44	- !!	,					
	12		3	M	1.50	6.6	4.6	Average	12	9	M	1.51+	6.6	44
}	12		1	$\mathbf{\tilde{M}}$	1.75	4.4	44	Zi vozago	1-			1.019		
	12		7	M	2.00	64	4.6	July 1852	12	3	M	1.331	6.6	6.6
	14		- 4	7.7.1	2.00			0 dily 1004	12	ĭ	M	1. 37 5	6.6	44
Average	12		9	M	1.514	44	66		12	3	M	1, 50	44	44
	,				_			" ,	12 [•	, alle	71.70		
$_{_{\odot}}$ $^{+}$ 1	7509	, pt	. 2-		71									

NIETALS AND NIETALLIC GOODS: ESTABLISHMENT No. 61, MASSACHU-SETTS—Continued.

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Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	Wages.
July 1852- conc'd.	12 12	1 1	M M	\$1.75 2.00	per	day.	Jan. 1857	11 11 11	3 5 1	M M M	\$1.37\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	per	day.
Avèrage	12	9	M	1.511	4.6	"		11 11	1	M	1.75	44	66
Jan. 1853	12	1	M	1.33	66	644					2.00		
	12 12	2	M	1.334 1.374	4.6	**	Average	11	11	M	1.54	T,	44
	12 12	2	M M	1.50° 2.00°	64	44	July 1857	11	3	M	1. 371	66	46
		7				46		11	4 2	M	1.50 1.58	64	44
Average.			М	1.48				11 11	1	M M	1.75 2.00	44	44
July 18 53	12 12	3	M	1.33½ 1.37½	14	44						61	11
	12 12	2	M M	1.50 2.00	66	44	Average	11	11	M	1.55	•	
•				i	61	41	Jan. 1858	11	2	M	1.31	a u	•
Average		7	М	1.48		"		11 11	2 3	M	1.37½ 1.50	**	44
Jan. 1854	12 12	2 1	M	1.33½ 1.37½	44	41	,	11 11	2· 2	M M	1.71 1.75	44	44
	12 12	1	M	1.46 1.50	4.6	44	Average	11	11		1.523	**	46
	12 12	1	M	1.621		44	Hvorage				1.005		
	12	1 1	M	1.80 2.00	16	,	July 1858	11 11	2 2	M M	1.31 1.37½	44	16
Average	12	8	М	1. 551		44		11	3 2	M	1.50	44	44
July 1854	12	2	м	1.331		**		11 11	2 2	M M	1.75	44	66
0 day 2002	12 12	1	M	$1.37\frac{1}{2}$	46	44	Average	11	1,1	M	1.521	44	44
	12	1	M	1.46 1.50	"	44			-	1	·		
	12 12	. 1	M M	$1.62\frac{1}{2}$ 1.80	44	44	Jan. 1859	11 11	2 1	M M	1.31 1.46	44	66
	12	1	_M_	2.00	41	44		11 11	2 2	M M	1.50 1.71	11	"
\mathbf{A} verage	12	8	M	1.551	**	44		11 11	1	M	1.75 2.00		11
Jan. 1855	11	2 2	M	1.331	16	44							44
	11	2	M	$1.37\frac{1}{2}$ 1.50	6.6	64	- Average	11	9	М	1.581		
	11 11	1 1	M M	1.58 2.00	44	14	July 1859	11	1	M	1. 33½ 1. 46	11	"
Average	11	8	M	1. 50	44	44] i	11 11	4 2	M M	1.50 1.71	"	44
July 1855	11	2	м	1. 331	44	4.6	1	11	1	M	1. 75 2. 00	"	14
o ary 1000	11	2	M	1.37	66	44		11	1	M	_		
	11 11	1	M M	1.50	. 14	44	Average	11	10	M	1. 59½	**	
		1	М	2.00	4.6	4.6	Jan. 1860	11 11	1 1	M M	1.33½ 1.46	44	16
Average	11	7	M	1.50	44	44	1	11 11	5 2	M M	1.50 1.71	44	11
Jan. 1856	11 11	2 3	M M	1. 331	"	44		11	1	M	1.75	44	44
	11	1	M	$1.37\frac{1}{2}$ 1.40		11		. 11	1	M	2. 50		
	11 11	1	M M	1.41	44	66 66	Average	11	11	M	1.631	44	44
	11 11	1	M	1.58 1.67	44	**	July 1860	. 11	1 1	M M	1.33½ 1.46	46	66
	11	2	M	2.00	14	44		11	5	M	1.50	66 66	"
Average	11	12	M	1.53	44	10		11	2 1	M M	1.71 1.75	6.6	"
J uly 1856	11	1	M	1.334	44	44		11	. 1	W	2.50	44	46
	11 11	2 1	M M	$1.37\frac{1}{2}$ 1.40	66	11	Average	11	11	M	$1.63\frac{1}{2}$	44	"
	11 11	. 2	M M	1. 41 1. 50	**	64	Jan. 1861	11	j	M	1.331	44 41	16
	71	1	M	1.58	- 44	11		11	5 2	M M	1.50 1.67	66	
	11 11	1 2	M M	$\frac{1.67}{2.00}$	**	44		11 11	3	M	1.75 3.00	16	44
Average	11	12	М	1.541	44	**	Average	11	12	М	1.70	46	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 61, MASSACHU-SETTS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1861	11 11 11 11	1 5 2 3	M M M M	\$1.33½ 1.50 1.67 1.75	per day.	Jan. 1866	11 11 11 11	3 4 1	M M M M	\$1.75 2.00 2.25 2.50	per	day.
A verage	11	12	M	3, 50 1, 74½	46 44		11 11 11 11	1 2 1 1	M M M M	2.60 2.75 3.00	66 66	44 64 64
Jan. 1862	11 11 11	1 4 2	M M M	1.33½ 1.50 1.67	66 66 66 66 66 66	Average		17	M	3. 10 2. 33½	"	44
	11	4	M M	1. 75	66 66	July 1866	11 11 11	3 4	M M M	1.75 2.00 2.50	64 64	66 16
Average	11	12	M	1.761	44 46		11	5	M	2.60	44	44
July 1862	11 11 11	5 1 4	M M M	1.50° 1.67 1.75	66 66 66 66		11 11 11	1 2 1	M M M	2. 75 3. 00 3. 10	46	44
	11	1	M	3. 50	46 46	Average	11	17	M	2. 361	**	44
Average Jan. 1863	11 11 11 11 11	11 1 6 2	M M M M	1. 79 1. 37½ 1. 50 1. 75 2. 00	66 66 66 66 41 66 61 65	Jan. 1867	11 11 11 11 11	1 1 4 5	M M M M	1.67 1.75 2.00 2.25 2.50	66 66 68	16 - 11 - 11 - 11 -
Average	11	11	М	3.50	11 11		11 11 11	6 2 1	M M M	2.75 3.00 3.10	46	64 66 '
July 1863	11 11	6	1	1.50	66 66	Average	11	25	М	2.43	4.6	46
	11	3	M	2.00 3.50	11 44	July 1867	11 11 11	1 1 4	M M M	1, 67 1, 75 2, 00	8 E 8 E	6-6 6-6
Average	11	11	M	1. 83 1	46 46		11	5 5	M	2, 25	66	66
Jan. 1864	11 11 11	1 1 4	M M M	1. 50 1. 67 1. 75 2. 00	81 66 81 46 81 81 81 84		11 11 11 11	6 2 1	M M M M	2. 75 3. 00 3. 10		44
	11	1		3. 50		Average	в 11	25	M	2.43	**	44
Average July 1864	-	1 2 3 3	M M M M	1. 91 1 1 . 50 1 . 75 2 . 00 2 . 25 2 . 75 3 . 50	66	Jan. 1868	11 11 11 11 11 11	1 1 4 3 5 5	M M M M M M	1. 66 1. 75 2. 00 2. 25 2. 50 2. 75 3. 00	14 14 14 11 11 11	66 66 66 64 64 64
Average	e '11	11	M	2. 18	44 68	Average	11 0 11	22	M	3. 10 2. 43	- "	44
Jan. 1865	11 11 11 11 11	1 4 3	M M M M M	1. 50 1. 75 2. 00 2. 25 2. 50 2. 75 3. 50	11	July 1868		2 4 1 4 6	M M M M M	1. 75 2. 00 2. 25 2. 50 2. 75 3. 00 3. 10	66 64 64 64 66	66 66 66 66 66 66
Average	е 11	. 16	M	2. 123	44 44	Averag	e 11	20	М.	2.46		44
J uly 1865	11 11 11 11 11 11 11		M M M M M M	1. 50 1. 75 2. 00 2. 25 2. 37½ 2. 50 2. 75 3. 00	46 46 46 46 46 46 46 46 46 46 46 46 46 4	Jan. 1869		1 5 1 3 8	M M M M M	1. 75 2. 00 2. 25 2. 50 2. 75 3. 00 3. 10	64 44 46 44 44	44 44 44 44
Average	ļ	_'		2. 24		Averag	е 11	18	M	2.48	"	44"

METALS AND METALLIC GOODS: ESTABLISHMENT No. 61, MASSACHU. SETTS—Continued.

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Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.		Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wage	١.
July 1869	11 11 11 11 11 11	1 3 2 6 2	M M M M M M	\$1.75 2.00 2.25 2.50 2.75 3.00 3.50	per	day.		Jan. 1873- conc'd.	10 10 10 10 10 10	1 6 5 6 2 1	M M M M M M	\$2.00 2.25 2.50 2.75 3.00 3725 3.50	P6:	day.	
Average	11	18	М	2.53	14	т.	۱.	Average	10	27	M	2. 421	"	66	
Jan. 1870	10 10 10 10 10 10 10 10	1 2 2 3 3 4 1 1	M M M M M M M	1. 50 1. 75 2. 00 2. 25 2. 50 2. 75 3. 00 3. 50	46 41 16 16 16	66 66 66 66 66 66		July 1873	10 10 10 10 10 10 10 10	2 3 1 6 4 5 3 1 1	M M M M M M M M	1.50 1.75 2.00 2.25 2.50 2.75 3.00 3.25 3.50	66 66 66 66 66 66	66 66 66 66 66	
Average	10	17	M	2. 391	44	44		Average	10	26	M	2. 431	66	44	
July 1870	10 10 10 10 10 10 10	1 1 2 4 3 4 1	M M M M M M	1.50 1.75 2.00 2.25 2.50 2.75 3.00 3.50	66 66 66 66 66 66	64 44 45 46 46 46 46	-	Jan. 1874	10 10 10 10 10 10 10	2 3 1 6 4 5 4	M M M M M M	1.50 1.75 2.00 2.25 2.50 2.75 3.00 3.50	61 11 61 15 15 16 61	44 44 46 46 46 46	
Average	10	17	M	2. 421	- 61	44		Average	10	27		2.46		и	
Jan. 1871 Average	10 10 10 10 10 10 10	1 3 4 4 4 2 1	M M M M M M M	1. 60 1. 75 2. 25 2. 50 2. 75 3. 00 3. 50	66 66 66 66 66	5 6 6 6 6 6 6 6 6 6 6 6 6 6		July 1874	10 10 10 10 10 10 10	1 4 1 6 4 5 4	M M M M M M	1.50 1.75 2.00 2.25, 2.50 2.75 3.00 3.25	66 65 66 66 66 66	44 44 44 44 44 44	
July 1871	10	3	м	1. 75	44	44			10	ī	M	3.50	44	44	
	10 10 10 10 10 10	1 2 6 4 2 1	M M M M M	1.85 2.25 2.50 2.75 3.00 3.50	66 66 66 66 66	66 66 66 66		Average Jan. 1875	10 10 10 10 10	27 1 4 4 7 4 6	M M M M M	2. 46½ 1. 50 1. 75 2. 00 2. 25 2. 50	11 14 14 14	46 65 46 46	
Average		19	M	2.48	66	- 44			10 10	4	M	2.75	11	44	
Jan. 1872	10 10 10 10 10 10 10	4 8 6 4 2 1	M M M M M M	1. 75 2. 25 2. 50 2. 75 3. 00 3. 25 3. 50	66 66	44		Average July 1875	10 10	34 1 8	M M M	3. 25 3. 50 2. 48 1. 50 1. 75	66 66	14	
Average	10	26	M	2.45	"	44			10 10	7	M M M	2.00 2.25 2.50	44	66	
July 1872	10 10 10 10 10	. 8 8 3 6 2	M M M M	1. 75 2. 25 2. 50 2. 75 3. 00	66 66 66 64	46 46 46			10 10 10 10 10	6 4 2 2	M M M M	2.75 3.00 3.25 3.50	66 66 _46	66 66	
	10 10	1	M	3. 25 3. 50	44	66		Average		34	M	2, 481	**		
Average	10	25	м	2.47	44	**		Jan. 1876	10 10	7 6	M M M	1.75 2.00 2.25	61	46	
Jan. 1873	-10 10	2 3	M	1.50 1.75	44	66	-		10 10 10	4 6	M	2, 50 2, 75	61	44	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 61, MASSACHU-SETTS—Continued.

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Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1876- conc'd.	10 10 10	3 2 1	M M M	\$3. 00 3. 25 3. 50	per "	day.	July 1878	10 10 10	3 3	M M M	\$1.60 1.75 1.80	per	day.
Average	10	33	M	2.421	44			10	2 1	M	1.85 1.90	66	44
	10	2	м	1.60	6.6	44		10-	1 2 4 2 5	M	2.00 2.03	44	44
July 1876	10	2	M	1.75	44	44		10:	2	M	2. 25	+ 6	44
	10 10	1 2	M	1.80	66	16	1	10 10	3	M	2.48 2.50	44	44
	10	I	M	1.90 2.00	44	44		10 10	3	M	2.70 2.93	44	44
	10	1 2 1 2 3 5	M	2.03	44	4.6		10	1 1	M	3,00	64	44
	10 10	5	M	2. 25	44	66		10	. 1	M	3. 15	11	44
	10 10	2 3	M M -	$2.50 \\ 2.70$	44	44	Average		32	M	2. 221	44	44
	10 10	1 1	M	2. 93 3. 00	44	66	Jan. 1879	10	2 2	M	1.55 1.60	44	44
	10	î	M	3, 15	44	** /		10	1	M	1.70	46	66
Average	10	31	M	2. 26	**	44		10	1 3	M	1.75 1.80	6.6	4.4
•	}	2	м	1.60	66	46 4	1	10	1 1	M	1.83 1.95	14	44
Jan. 1877	10	2	M	1.75	44	44		10	4	M	2.00	66	44
	10 10	1 2	M	1.80 1.85	44	44		10	4 1	M	2, 20 2, 25		4.4
	10	1	M	1.90	46	44	1.	10	4	\mathbf{M}	2. 40 2. 60	"	44
	10 10	1 4	M	2,00	44	44		10 10	- 1	M	2.85	4.6	44
	10 10	4 5	M	2, 25	44	"		10	1	M	3. 15		44
	10	5 2	M	2.50	"	44	Average	10	27	M	2.08	"	44
	10 10	3 1	M	2.70 2.93	6.6	,44	July 1879	10	.2	м	1.55	66 64	44
	10 10	1 1	M	3.00 3.15	44	44		10	/ 2	M	1. 60 1. 70	64	44
		-				44		10	1 3	M	1.75 1.80	"	66
Average	10	30	M	2. 26				10 10	1	M	1.83	4.4	1.6
July 1877	10 10	3 1	M	1, 60 1, 75	64	44		10	1 4	M	1.95	44	44
	10	1	M	1.80	"	44		10	4	M	2.20	44	44
	10	2	M	1.85 1.90	"	66		10 10	1 4	M	2. 25 2. 40	44	6.6
	10	1	M	2,00	44	66		10 10	1 1	M	2, 60 2, 85	44	66
	10 10	4	M	2.03 2.25	4.6	44		10	î	M	3, 15	**	6.6
	10 10	5 2	M	2. 48 2. 50	61	61 61	Average	10	27	м	2.08	44	44 1
	10 10	2	M	2.70	44	6.6	Jan. 1880	10	1	M	1.55	64	44
	10	1	M	3.00 3.15	44	16		10 10	2	M	1.60 1.70	44	".
	10	<u>-</u>	. 			44.		10	4	M	1.75	14	44
Average	10	29	M	2. 24	**		ŀ	10	1	M	1.80	44	44
Jan. 1878	10	3	М	1.60	11	66		10	1	M	1. 95 2. 00	44	66
	10 10	3 1	M	1.75 1.80	6.6	16		10	8 2 1	M	2, 20	44	44
	10 10	2	M	1.85 1.90	66	44		10	1 5	M	2. 25 2. 40	44	44
	10	3	M	2.00	£ £	44		10	1	M	2.50 2.60	64	44
	10 10	4 3	M	2.03	11	46		10 10	1 1	M	2.85	4.6	44
	10	5	M	2.48	44	44		10	1	М	3.15	. "	44
i	10 10 10	2 3 1	M M M	2. 50 2. 70 2. 93	14	66	Average	10	31	М	2.09	44	**
	10	1	M	3.00	44	1 44	July 1880	10	1	M	1.55 1.60	44	44
	10	1	м	3. 15	_			10 10	1	M	1.70	44	66
Average	10	33	\mathbf{M}	2. 21	44	*	11	1 10	6	М	1.75	••	••

METALS AND METALLIC GOODS: ESTABLISHMENT No. 61, MASSACHU. SETTS Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages	
July 1880 conc'd.	10 10	7 1	M M	\$2.00 2.20		day.	Jan. 1883-	10 10	2 2	M M	\$3, 25 3, 50	per	day.	_
conc u.	10 10	1 6	M	2. 25 2. 40 2. 50	41	44	Average	10	46	м	2. 361		66	
	10 10	6 1	M	2.50 2.60	44	46	July 1883	10	3	м	1.75	6.6	61	
	10	1	M	2.65	46	16 '	0 42,5 1000	10	16	M	2.00 2.25	. 66	66	
	10 10	1 2	M	2. 85 3. 25	66	44		10 10	7 10	M M	2.50	44	44	
Average	10	33	М	2. 20	**	+4		10	3 2 1	M M	2.75 3.00	6 6 6 6 6 6	66 46	
Jan. 1881	10	1	м	1.55	46	44		10 10	2	M	3. 10 3. 25	44	"	
O & LL. 1001	10 10	1	M	1.65	44	44		10	2	M	3. 50			
	10	1 1	M	1.70	"	44	Average	10	46	M .	2.361	44	44	
	10 10	5 9	M	1.75	44	44	Jan. 1884	10	3	M	1.75	_ 64 64	44	
	10	5	M	2. 00 2. 25 2. 35	44	**	4	10 10	15 9	M M	2.00 2.25	4.4	66	
	10 10	1	M	2.40	4.6	44		10 10	10	M M	2.50 2.75	66	11	
	10 10	9	M	2. 50 2. 60	44	**		10	2	M	3.00	44	66	
	10	1	M	2.75	44	66		10 10	1 2	M M	3. 10	6.6	**	
	10 10	1 2	M	2. 85 3. 25	61	**		10	2	M	3.50	41	44	
Average	10	39	М	2. 22	6.6	**	Average	10	. 47	M	2.37	44	"	
July 1881	·10	1	M	1, 65	6.4	**	July 1884.	10 10	3 15	M M	1.75 2.00	44	66	
	10 10	1 6	M	1.70 1.75		44 .	/	10	8	M M	2.25		64	
	10	11	M	2.00	64	144		10 10	9	M	2, 75	44	64	
	10 10	3 1	M	2. 25 2. 35	46	44		10 10	2	M	3.00	16	44	
	10	1	M.	2.40	46	44		10	- 2	M	3.25	**	44	
	10 10	10	M	2.50 2.60	44	44		. 10	2	М_	3, 50	. "		
	10 10	2	M	2.75 2.85	66	66	Average	10	44	\mathbf{M}	2, 36	ŧt	44	
	10	2	M M	3, 25	16	44	Jan. 1885	10	2	M	1.75	"	44	
Average	10	40	М	2. 241	44	61		10	11 6	M M	2.00 2.25 2.50	44	66	
Jan . 1882	10	4	M	1.75	4.6	44		10 10	8	М	2.75	44	11	
	10 10	15 5	M	2.00 2.25	44	44		10 10	2 1	M M	3.00	4.6	44	
	10	10	M	2.50	66	44		. 10	1	M	3.25	66	46	
	10 10	1 1	M	2. 75 3. 00	4.6	6.6		10	1	М	3.50			
	10 10	1 3	M	3. 10 3. 25	44	**	Average	10	33	М	2.35	**	4.6	
	10	1	М	3.50		**	July 1885	10 10	2 11	M M	1.75 2.00	44	64	
Average	10	44	M	2. 35	**	1.6		10 10	6	M M	2. 25 2. 50	44	64	
July 1882	10	4	M	1, 75	6.6	44	1	. 10	8 1 2	M	2.75	44	66	
	10 10	15 5	M	2.00 2.25	64	44		10	2	M	3.00	44	44	
	10	10	M	2,50	44	11		10	1	М	3.25	44	46	
	10 10	4 1	M	2.75 3.00	4.4	6.6		10	1	М	3.50			
	10 10	1 3	M	3. 10 3. 25	64	**	Average	10	33	Я	2. 35	"	41	
	10	1	M	3, 25		"	Jan. 1886	10	2	M	1.75 2.00	46	46	
Average	10	44	М	2. 35	"	41		10 10 10	11 6	M M	2. 00 2. 25 2. 50	**	46	
Jan. 1883	10	3	M	1.75	86	44		10	7 2 2	M	2.75	44	5 i	
	10 10	16 7	M	2.00 2.25	44	44		10 10	$\frac{2}{1}$	M M	3.00	**	44	
	10	10	M	2. 50 2. 75	44	44		10	1	M	3.25	66	44	
	10 10	3 2	M	2. 75 3. 00	44	44	ŀ	10	1	М	3, 50			
	10	l ī	M	3.10	44	46	A verage	10	33	M	2.36	44	44	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 61, MASSACHU-SETTS—Continued.

MACHINISTS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of ·	wages.	Payroll of—	Hours per day.	Different cuployés.	Sex.	Rate	of	wage	an.
July 1886	10	1	M	*1.75	per	day.	Jan. 1889-	10	2	M	\$3, 25	pei	· day,	
	10	1	M	1.85	1.6	16	conc'd.	10	1	м	3.50	1		•
	10 10	11 5	, M	2.00 2.25	4.6	"	1	e						
	10	8	M	2.50	44	14	Average	10	31	М	2.44	**	4.6	
	10	2	M	2.75	6.1	44	Inl., 1000	10		1.6	0.00		4.6	
	10	2	M	3,00	6.4	11	July 1889	10	4 1	M	$\begin{bmatrix} 2.00 \\ 2.20 \end{bmatrix}$		14	
	10	1	M	3, 10	4.6	4.6	li	10	11	M	2. 25	- 11	4.6	
	10	2	M	3.50	4.6	4.4	il .	10	î	M	2.40	* *	4.6	
								10	8	M	2.50	6.6	16	
.Average	10	33	М	2. 37			-	10	3	M	3, 00	66	e e	
T 1007	10	,	м	1.75	11	44	ł	10 10	2	M M	3. 25	6.6	44	
Jan. 1887	10	1	M	1.75		16	1				0,00			
	10	11	M	2.00	44	4.6	Average	10	31	M	2.461	6.6	4.6	
	10	1	M	2. 20	64	14	_				1 -			
- .	10	1 5	.M.	2.25	6.4	4.6	Jan. 1890	10	1	M	1.75	4.4	44	
	10	1	М	2.40	4.4	4.6	Į į	10 10	2	M	2.00	44	44	
*	• 10	7	M	2.50	4.6	6.6		10	1	M M	2. 20	4.6	46	
	10	3	M	3.00	**	64		10	12	M	2. 25 2. 40	44	4.6	
	10 10	2 1	M	3. 25 3. 50	44	44		10	8	M	2.50	6.6	4.6	
, .	10	1	111	3. 50		•-		10	3 2	M	3.00	44	6.6	
Average	10	33	M	2. 36	4.6			10 10	2	M	3. 25 3. 50	44	66	
July 1887	10	12	M	2.00	16	41	A worse me	10	31	<u>M</u>	2. 461	46	44	
, in 100,	10	1	M	2. 20	**	44	Average	10	31	IVI.	4. 40g			
	10	5	M	2. 25	4.6	44	July 1890	10	1	M	1.75	64	66	
l	10	1	M	2.40	4.6	4.4	1 0000	10	2	M	2.00	6.6	44	
	10	8	М	2.50	4.4	4.4]}	10	1	M	2. 20	6.6	6.6	
	10	3	M	3, 00	44	44		10	11	M	2. 25	4.6	44	
- 1	10	2	M	3. 25	**	44		10	2	M	2.40	66	44	
i	10	1	MI	3.50		••		10 10	8	M	2.50	44	16	
Average	10	33	М	2.39	66	6.6		10 10 10	1 2	M M M	3. 25	44	44	
Jan. 1888	10	9	M	2.00	44	46		10		M	3.50			
	10	1	M	2, 20	64	4.6	Average	10	31	M	2.471	4.6	66	
I	10	8	M	2. 25	4.4	44	"				_			
- 1	10	8	M	2.50	66	44	Jan. 1891	10	1	M	1.75	44	6.6	
- 1	10 10	3	M	3, 00 3, 25	44	44		10	1	M	2.00	11	44	
i	10	1	M	3. 25	44	44		10	10	M	2. 20 2. 25		4.6	
		•		0.00				10	12	M	2.50	6.6	4.6	
Average	10	31	M	$2.38\frac{1}{9}$	44	44		10	3	M	3.00	4.6	64	
-	1			_			[[10	1	M	3.25	6.6	4.6	
July 1888	10	7	M	2.00	44	44		10	2	M	3.50		4.6	
	10	1	M	2. 20	44	44	<u> </u>	7.0		16	0 501		66	
	10 10	9	M	2. 25 2. 50	10	44	Average	10	31	M	$2.50\frac{1}{2}$		**	
	10	3	M	3.00	4.6	44	July 1891	10	1	м	1.75 €	4.6	66	
	10	ĭ	M	3. 25	6.6	66	July 1001	10	î	M	2.00	6.6	64	
	10	ī	M	3, 50	6.6	tt .		10	1	M	2, 20	6.6	4.6	
-								10	8	M	2. 25	44	66	
Average	10	31	M	2.41	44	44	r I	10	1	M	2.37	54	44	
Гап. 1889	10	_	3MF	9 00	44	14		10	12	M	2.50	44	65	
.MT. T003	10 10	5	M	$\frac{2.00}{2.20}$	44	14	1	10 10	1 2	M M	2.75 3.00	66	46	4
i	10	10	M	2. 25	44	44	1 1	10	2	M	3. 25	66	4.6	
- 1	10	1	M	2. 40	iT.	44		10	2	M	3, 50	4.6	44	
1	10	9	M	2.50	44	66								
	10	2	\mathbf{M}	3.00	6.6	66	Average	10	31	M	$2.53\frac{1}{2}$	4.4	4.6	

WOODWORKERS.

Jan. 1850 July 1850 Jan. 1851 July 1851	12 12 12 12	1	M M M M	1.33½ per day. 1.33½ " " 1.33½ " " 1.33½ " "	July 1852 Jan. 1853 July 1853 Jan. 1854	12 12 12 12	1 1 1 1	M M M	1. 33½ p 1. 50 1. 50 1. 50	erday.	
Jan. 1852	12	ī	M	1.331 " "	July 1854	12	ĩ	M		46 46	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 61, MASSACHU. SETTS—Continued.

WOODWORKERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1855	11 	1	М	\$1.50 1.67	- 64	day.	July 1862	11 11 11	1 2 1	M M M	\$1.50 2.00 2.25	per	day,
Average	11	2	M	1.581	64	**	Average	11	4	M	1. 931	44	**
July 1855	11 11	1	M M	1.50 1.67	66	44	Jan. 1863	11	1	м	1.50	66	
Average	11	2	М	1.581	46	44		11 11	1	M	2.00 2.25	44	44
Jan. 1856	11 11 11	,1 1 1	M M M	1, 33½ 1, 50 1, 66½	64 64	66 66	Average	11	8	М	1. 911	-44	46
Average	11	3	M	1.50		44	July 1863	11 11	1 1	M M	1.50 2.00	44	44
July 1856	11	1	М	1.331	44	**		îi	î	M	2. 25	11	" ,
J uly 1050	11 11	1 1	M M	1. 50° 1. 66½	16	44	Average	11	3	М	1.911	44	46
Average	11	. 3	M	1.50	**	44	Jan. 1864	11 11	1 1	M M	1.50 2.25	44	44
J an. 1857	11 11	2 1	M M	1.50 1.66½	**	**	Average	11	3	M	2. 50	44	46
Average	11	3	м	1. 55½	66	+4					-	44	44
July 1857	11 11	2 1	M M	1.50 1.66½	6 6 6 4	44	July 1864	11 11 11	1 1 1	M M M	1.75 2.25 2.50	66 64	"
Average	11	3	М	1.551	64	44	A.verage	11	3	M	2.161	64	**
Jan. 1858	11 11	2	M M	1.50 1.66½	66	44	Jan. 1865	11 11	1 1	M M	2. 00 2. 25	46	11
Average	11	3	М.	1. 55½		44		îî	î	M	2.50	46	44
July 1858	11 11	$\frac{2}{1}$	M M	1.50 1.66±	44	44	Average	: 11	. 3	М	2, 25	66	44
Average	11	3	М.	1.551	4.6	44	July 1865	11 11	$\frac{1}{2}$	M	2, 00 2, 75	44	44
Jan. 1859	11 11	1 2	M M	1.31 1.75	"	44	Average	11	3	м	2.50	"	44
Average	. 11	3	M	1.601	44	44	Jan. 1866	11 11	1	M M	2.00 2.75	**	44
July 1859	11 11	1 2	M M	1. 31 1. 75	64	44		11	3	M	3. 00 2. 58½	14	46
Average	11	3	- <u>M</u>	1.60	**	64	Average				_		
Jan. 1860	11	$\frac{1}{2}$	M M	1.50 1.75	44	44	July 1866	. 11 11 , 11	1 1 1	M M M	2. 00 2. 75 3. 00	44	**
Average	11	3	М	1.661	44	44	Average	: 11	3	M	2. 581	44	**
Jul y 1860	11 11	1 2	M M	1.50 1.75	44	**	Jan. 1867	. 11	1 1	M M	2, 25 3, 00	44	44
A verage	11	3	M	1.661	44	16	Average	- 11	2	М	2, 621	44	44
Jan. 1861	11 11	1 2	M M	1, 50 2, 00	66	"	July 1867	. 11	1 1	M M	2. 25 3. 00	16	46
Average	11	3	M	1.831	5.6	**	Average	11		М	2. 621	44	44
J uly 1861	11 11	1 2	M M	1.50 2.00	6.6 6.6	44	Jan. 1868	11	1 1	M	2. 25 3. 00	44	44
Average	11	3	M	1.831	44	44	Average	11	2	M	2. 621	44	64
Jan. 1862	11 11	1 3	M M	1.50 2.00	44	11	July 1868	11 11	1	M M	2. 25 3. 00	44	44
Average	11	` 4	M	1.87	44	64	Average	11	2	М	2. 62	- 44	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 61, MASSACHU-SETTS—Continued.

WOODWORKERS-Continued.

Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of w	rages.	Payroll of—	Hours per day.	Different em ₁ loyés.	Sex.	Rate	of w	ages.
Jan. 1869	11 11	1	M M	\$2, 25 3, 00	per	day.	Jan. 1880	10 10	1	M M	\$2, 25 2, 40	per	day.
<u>A</u> verage	11	2	M	2. 621	6.4	44	Average	10	2	,M	$2.32\frac{1}{2}$	4.6	44
~July 1869	11 11	1 1	M M	2. 25 3. 00	11	"	July 1880	10 10	1 1	M M	2. 25 2. 50	11.	64
Average	11	2	M	2.621	44	**	Average	10	2	М	$2.37\frac{1}{2}$	6.6	14
Jan. 1870	10 10	1	. <u>М</u> М	2. 25 3. 00	66	41	Jan. 1881	10 10	. 1 . 1	M M	2, 25 2, 64	44	66
Average	10	2	·M	2. 621	14	41	Average	- 10	2	M	2. 441	44	**
July 1870	10 10	1 1	M M	2. 25 3. 00	44	"	July 1881	10 10	2 1	M M	2. 50 2. 64	44	44
Average	10	2	М	2.62½	46	44	Average	10	3	M	2.54	4.0	4.6
Jan. 1871	10 10	1	M M	2. 25 3. 00	46	44	Jan. 1882	10 10 10	1 1 2	M M M	2.00 2.25 2.50	66 64	44
Average	10	2	M	2.621	**	44	1	10	ĩ	M	2. 64	**	**
Ju ly 1871-	10 10	1	M	2, 25 3, 00	**	46	Average	Į.	5	М	2.38	44	66
Average	10	2	М	2. 621	4+	**	July 1882	10 10 10	1 1 2	M M M	2.00 2.25 2.50	"	44
Jan . 1872	10 10	1	M	2. 25 2. 75	46	44		10	1	M	2. 64	- "	41
13 ·	10	î	M	3.00	44	44	Average	10	5	M	2.38	"	44
Average	10	3	M	2. 661		4.6	Jan. 1883	10 10	1	M	2. 00 2. 25	44	44
July 1872	10 10	1 1	M	2. 25 2. 75	44	44		10 10	2	M	2. 50 2. 64	44	46
Average	10	3	M	3.00 2.664		44	Average	10	5	M	2. 38	46	4.6
Average	. 10			-		44	July 1883	10 10	1	M	2.00 2.25	66	44
Jan. 1873	10	1	M M	2. 25 3. 00		44		10 10	1	M	2. 50 2. 64	44	44
Average	10	2	M	2.62	"	44	Average	10	5	M	2.38	44	66
July 1873	10 10		M	2. 25 3. 00	66	44	Jan. 1884	10 10	1 1	M	2.00 2.25	44	44
Average			-	2.62		**		10 10	2		2.50 2.64	44	16
Jan. 1874	10	- 1	M	3.00	44	66	Average	10	, 5	M	2.38	66	44
July 1874 Jan. 1875	10] 1		3.00	44	44	July 1884	10	1		2.00	66	44
July 1875 Jan. 1876	10	1	M	3, 00	66			10 10	1 2	M M	2, 25 2, 50	44	44
July 1876	10	1	M	2.70	14	14		10	1	M	2.64	. "	44
Jan. 1877 July 1877	10	- 1	M	2.70	44	16	Average	в 10	5	M	2.38	14	41
Jan. 1878 July 1878	10	1	M	2.70	66	44	7. 1005	10	1	м	2.00	44	66
0 ary 1010	10	1 1					Jan. 1885	10	2		2.50		44
Jan. 1879	10 10			2. 25 2. 40	44	44	Averag	e 10		-	2. 64	_	"
Average	10	2	M	2.32	į ··	46					2, 00		44
July 1879	10		M. M	2. 25 2. 40	**		July 1885	10 10 10	2	M M	2.50	44	44
Average		_	_!	2. 32		44	Averag	e 10	4	М	2. 41	. "	44
1000													

METALS AND METALLIC GOODS: ESTABLISHMENT No. 61, MASSACHU-SETTS—Concluded.

WOODWORKERS-Concluded.

Payron	Hours per day.,	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Heurs per day.	Different employés.		Rate	of v	vages.
Jan. 1886	10 10 10	1 2 1	M M M	\$2.00 2.50 2.64	per	day.	Jan. 1889	10 10 10	1 2 1	М М	\$2.00 2.50 2.64	per	day.
Average	10	4	M	2, 41	44	r.	Average	10	. 4	М	2.41	44	44
July 1886	10 10 10	$\begin{array}{c} 1 \\ 2 \\ 1 \end{array}$	M M M	2. 00 2. 50 2. 64		66 46 88	July 1889	10 10 10	1 2 1	M M M	2. 17 2. 50 2. 64	**	64 64
Average	10	4	М	2.41	14	44	Average	10	4	М	2.451	tı	**
Jan. 1887	10 10 10	1° 2 1	M M	2.00 2.50 2.64	44	66 66	Jan. 1890	10 10 10	1 2 1	M M M	2. 17 2. 50 2. 64	44 44	44
Average	10	4	M	2.41		44	Average	. 10	4	M	2. 451		64
July 1887	10 10 10	1 2 1	M M M	2. 00 2. 50 2. 64	46	64 66 66	July 1890	10 10 10	I 2 1	M M M	2. 17 2. 50 2. 64	66 64	46 44
Average	10	4	М	2.41	"	44	Average	10	4	М	2. 451	**	64
Jan. 1888	10 10 10	1 2 1	M M M	2.00 2.50 2.64	6 6 6 6	44 66 65	Jan. 1891	10 10 10	1_ 2 1	· <u>М</u> М М	2. 17 2. 50 2. 64	66 66	44 44 84
Average	10	4	M	2.41	66	**	Average	10	4	M	2.451	44	** •
July 1688	10 10 10	1 2 1	M M M	2. 00 2. 50 2. 64	66	44 64 81	July 1891	10 10 10	1 2 1	M M M	2. 17 2. 50 2. 64	45 44 48	44
Average	10	4	М	2.41	**	44	Average	10	4	М	2.451	44	34

METALS AND METALLIC GOODS: ESTABLISHMENT No. 62, NEW HAMPSHIRE.

BLACKSMITHS.

Jan. 1845	11	1	м	1.17	per day.	July 1855	10	1	м	1.67	ner	day.
July 1845	11	1 1	M	1. 17	per day.	Jan. 1856	10	1 1	M	1.42	Por.	uay.
Jan. 1846	ii	. 1	M	1.33	66 66	Jan. 1858		î	m	1.50	44	+4
	11	1	M	1.17		July 1858	10	1	M	1.33	44	44
July 1846 Jan. 1848	10	1	M	1. 25	66 64	Jan. 1859	10	1	M	1. 33	4.4	44
	10	1	M	1. 25	66 64	July 1859	10	1 1	M	1.50	44	44
July 1848	10	1	M	1. 25	44 44	Jan. 1860	10	÷ .	M	1.50	44	44
Jan. 1849	10	, 1	M	1.33	16 15		10	1	M	1.50	41	6.6
July 1849	10	1	M	1.33	44 44	July 1860 Jan. 1861	10	1 1	m	1, 42	4.6	44
Jan. 1850	10	1	M	1.33	44 44	July 1861	10	1 1	M	1.42	**	44
July 1850	10	1	M	1.33	44 44		10	1 1	M	1.58		44
Jan. 1851	10	1 1	M		41 41	Jan. 1862	10	1 1	M	1.50	**	44
July 1851			M	1.42	44 44	July 1862	. 10	1	141	1. 50		
Jan. 1852	10	1	M	1.42	14 14	T 1000	10		M	1.50	44	44
July 1852	10	1	m	1.42		Jan. 1863	10	1	M	1.67	44	44
T 1000	10		3.5	1 00	14 14		10	1	'IAT	1.07		
Jan. 1853	10	1	M	1.33	11 11				70.0	1 501	44	44
	10	1	M	1.50	66 16	A verage	10	2	M	1.58		••
	10	1	M	1.75		1	١				4.6	44
			175	4 504	46 66	July 1863	10	1 1	M	1, 50		**
Average	10	3	M	1.521	46 44		10	1	M	1.83	••	••
		_	l		16 16				-		64	44
July 1853	10	2	M	1,50		Average	10	2	M	1.661	••	••
Jan. 1854	10	3	M	1.50	46 66							46
July 1854	10	3	\mathbf{M}	1.50	11 11	Jan. 1864	10	1	M	1, 50	**	66
		-					10	1	M	1.91	44	
Jan. 1855	10	1	M	1.50	44 44	11				-		
	10	1	M	1.67	44 44	A.verage	10	2	M	1.70		64
			l			1				l		
Average	10	2	M	1.581	44 44	July 1864	10	I	Мr	2, 25	46	64

METALS AND METALLIC GOODS: ESTABLISHMENT No. 62, NEW HAMPSHIRE—Continued.

BLACKSMITHS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of	Hours per day.	Different employés.		Rate	of v	vages.
Jan. 1865	10	2	M	\$2.50	per	day.	Jan. 1873	10	1	м	\$2.75	per	day.
July 1865	10	1	M	2. 25	14	46	July 1873	10	1	M	2.75	- 66	66
Jan. 1866	10	2	M	2, 50		6.6	Jan. 1874	10	1	M	2.75	\$ 6	4.4
oud.							July 1874	10	′ 1	M	2.75	6.6	4.6
July 1866	10	1	M	2, 17	**	4.1	Jan. 1875	10	1	M	2.75	8.6	4.6
o and	10	2	M	2.50	11	4.6	July 1875	10	1	M	2.33	6.6	4.4
				\			Jan. 1879	10	1	M	2.00	4.6	6.6
₹ Average	10	* - 3	M	2, 39	11	6.6	July 1879	10	1	M	2.00	11	**
,							Jan. 1880	10	1	M	2.00	4.6	**
Jan. 1867	10	1	M	2. 17	64	**	July 1880	-10	1	M	2,00	11	
	10-	2	M	2.50	44	4.4	Jan. 1881	10	1	M	2.00	~ 66	4.6
		ļ	-				July 1881	10	. 1	M	2.00	6.6	4.6
A-verage	10	3	M	2.39	64	**	Jan. 1882	10	1	M	2.00	6.6	6.6
_	1						July 1882	10	1	M	2.00	4.6	44
July 1867	10	1 1	M	2, 50	4.6	44	Jan. 1883	10	1	M.	2.00	64	44
Jan. 1868	10] 1	71	2. 25	4.4	44	July 1883	10	1	M	2.00	4	44
July 1868	10	2	M	2. 25	**	66	Jan. 1884		1	M	1,75	66	44
Jan. 1869	-10	1	M	2.50	4.6	44	July 1884		1	M	1.75	44	66
July 1869	10	1	M	1.75	6.6		Jan. 1885		1	M	1.75		
Jan. 1870	10	1	M	2.00	6.6	"	July 1885		1	M	1.75	8.6	44
July 1870	10	- 1	/ 7I	2. 25		4.6	Jan. 1886		1	М	1.75	46	64
Jan. 1871	10	1	Т	2, 25	14	44	July 1886	10	1	M	1.75	**	
July 1871	10	1	M	2.50	4.4	64	Jan. 1887		1	M	2.00		6.6
Jan. 1872	10	1.	M	2, 50	4.6	64	July 1887		1	M	2.00	6.6	66
July 1872	10	I	M	2.50	4.6	6.6	Jan. 1888	10	1	M	2.00		**

ENGINEERS.

	4								_						
- 1							- []	T 1 1051	10		,	М	2, 00		day.
July 1852	10	1	M	1.00	per	day.	- 11	July 1871	10		1	M	2, 00	per	day.
Jan. 1853	10	1	M	1.00		46	- []	Jan. 1872	10		1	M	2.00	6.6	6.6
. July 1853	10	1	M	1.00	4.6	41	- 11	July 1872	10		1	M	2.00	4.4	44
Jan. 1854	10	1	M	1.00	44	46	- 11	Jan. 1873	10		1	M	2, 00	66	44
July 1854	10	1	M	1.00	66	44	- 11	July 1873	10		1	M	2, 00	64	44
Jan. 1855	10	1	M	1.00	44	44	- 11	Jan. 1874	10		1 1	M	2, 00	44	6.6
July 1855	10	1	M	1.00		44	-	July 1874	10			M	2.00	44	44
Jan. 1856	10	1	M	1.17	44	44	- }	Jan. 1875	10		1	M	2.00	64	64
July 1856	10	1	M	1. 17			- 11	July 1875	10		1	M	2, 00	44	14
Jan. 1857	10	1	M	1.17	44	44	- 1	July 1876	10		1	M	1. 15	66	44
July 1857	10	1	M	1.17	6.6	64	- 11	Jan. 1879	10		1 1	M	1. 15	6.6	
Jan. 1858	10	1	M	1.17	4.4	44	- 11	July 1879	10		1	M	1. 15	4.6	44
July 1858	10	1	M	1.08	66	44	- 11	Jan. 1880	10		1	M	1. 15	6.6	4.6
Jan. 1859	10	1	M	1.08	44	66	H	July 1880	10	-	1	M	1. 15		4.6
July 1859	10	.1	M	1.17	84	64	- i	Jan. 1881	10		1	M	1, 15	6.6	66
Jan. 1860	10	1	M	1.17	14	44		July 1881	10		1	M	1. 15	4.6	44
July 1860	10	1	M	1.17	44	66	- 1	Jan. 1882	10		1	M	1.15	4.6	14
Jan. 1861	10	1	M	1.17	4.6	66	- 1	July 1882	10		1	M	1.15	44	6.6
Jan. 1862	10	1	M	1.17		66		Jan. 1883	10		1	M	1.15	4.6	**
July 1862	10	1	M	1.17		44	- 1	July 1883	10		i	M	1. 15	4.4	44 *
Jan. 1863	10	1	M	1.17		66		Jan. 1884	10		1	M	1. 15	4.4	4.6
July 1863	10	1	M	1. 25	- 66	44	- 1	July 1884	10 10		1	M	1. 20	4.6	1.6
Jan. 1864	10	1	M	1.25		44	- 1	Jan. 1885	10		1	M	1, 20	114	6.6
July 1864	10	1	M	1.50		4.6	- 1	July 1885	10		î	M	1. 20	4.6	6.6
Jan. 1865	10	1	M	1.50	64	44		Jan. 1886	10		i	M	1. 25	6.6	6.6
July 1865	10	1	M	1,50	64	44	- 1	July 1886	10		1	M	1. 25		4.4
Jan. 1866	10	1.	M	1.75	44	44	- 1	Jan. 1887	10	l	i	M	1. 25	4.6	6.6
July 1866	10	1	M	1.75	44	66		July 1887	10		î	M	1, 25	44	66
Jan. 1867	10	1	M	1.75	64	66		Jan. 1888	10		1	M	1. 25	4.6	64
Ju ₁ y 1867	10	1	M	1.75	44	66		July 1888	10		1	M	1. 25	4.4	6.6
Jan. 1868	10	1	M	1.75		64		Jan. 1889	10		î	M	1. 25	64	44
July 1868	10	1	M	1.75	44	44		July 1889		l	1	M	1, 25	4.6	4.6
Jan. 1869	10	1	M	1.75	66	64		Jan. 1890	10 10		1	M	1, 25	44	44
July 1869	10	1	M	2.00		44	- 1	July 1890	10		i	M	1, 25	44	6.6
Jan. 1870	10	1	M	2.00	44	44		Jan. 1891	10		i	M	1. 25	4.4	8.6
July 1870	10	1	M	2.00	44	44	- 1	July 1891	10	l	-	201	1.20		
Jan. 1871	10	1	M	2.00	••	••			1	l					
		1	l	l			!	<u> </u>	<u> </u>	<u> </u>					

METALS AND METALLIC GOODS: ESTABLISHMENT No. 62, NEW HAMPSHIRE—Continued.

LABORERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of-	Hours per day.	Diffe rent employés.	Sex.	Rate	of	Wages
Jan. 1846	11	1	M	\$0.67	1001	day.	July 1852	10	\ 1	М	\$0.80		
					I.c.	11	July 1002	10	1	М	1.00	per	day.
July 1846	11 11	2	M	. 75	4.4	44	1	10	1	М	1, 25	•••	**
	11	$\frac{2}{2}$	M	1.00	**	44	Average	1.	3	M	1,011	**	14
Average	11	7	М	. 85	1.6	**	Jan. 1853	10 10	2 3,	M M	. 80 1. 00	**	44
Jan. 1847	11 11	1	M	. 80 . 83	16	44	Average	10	5	М	. 92	**	44
Average		2	M	.81		64	July 1853	10 10	1	M M	. 80	64	66
_	11	1	м			44		10	î	M	1.00	6.6	44
July 1847	11	$\bar{2}$	71	. 67 . 75	4.6	44	Average	10	3	M	. 871	44	44
	11 11	1	M M	. 80 . 92	11	11	Jan. 1854	10	1	м	. 83	44	44
	îî	î	М	1.00	4.5	44	0 all. 1804	10	1 2	M	. 92 1. 00	11	44
Average	11	6	М	. 813	4.6	44				м		44	44
Jan. 1848	10	1	M	. 80	66	44	Average	10	4		. 931		
	10 10	2 1	M	.83	66	**	July 1854	10 10	2 2	M M	. 92 1. 00	44	14
	10	1	М	1.00			Average	10	4	М	. 96	44	u
Average		5	M	.871		"	July 1855	10	1	M	. 83	44	44
July 1848	10 10	2	M	. 80	4.4	44		10	2	М	1.00	44	44
	10 10	1 2	M M	1.00	44	44	Average	10	3	M	. 94 <u>1</u>	**	14
Average		6	M	. 89	41	**	Jan. 1856	10	1	M	1.00	"	64
					66	11	July 1856	10	I	М	1.00	11	"
Jan. 1849	10 10	2	M	. 80 1. 00	44	66		10 10	1 1	M M	1.17 1.33	**	44
	10	1	M	1.08	11	44	Average	10	3	M	1. 161		64
Average	10	4	M	. 92	ff	**	Jan. 1857	10	1	м	1.00	11	44
Tuly 1849	10	1	M	. 80	44	44	0 tata: 1001	10	î	71	1. 17	44	44
	10 10	1 1	M M	1.00 1.08	66	66		: 10	1	_M	1. 25	i.	**
	10	1	M	1. 17	"	"	Average	10	8	M	1.14	44	14
Average	10	4	M	1.011	64	11	July 1857	10 10	1	M	. 83 1. 00	14	44
Jan. 1850	10 10	1 1	M	. 80 1. 00	44	44		10	2	M	1. 25	**	44
• Average	10	2	M	. 90	. 1	44	Average	10	4	M	1.081	"	41
July 1850	10	1	M	. 80		64	Jan. 1858	10	1	M	1.00	44	44
ury 1650	10	i	M	1.00	44	11		10	1	М	1, 25	44	11
Averágo	10	2	M	. 90	εŧ	11	Average T-1-1-1070		2	M	1. 121		41
Jan. 1851	10	1	M	. 80	44	44	July 1858	10	1	_	. 92		
	10 10	1 1	M	. 92 1. 00	14	44	Jan. 1859	10 10	1	M	$\frac{92}{1.17}$	44	66
Average	10	3	M	, 901	"	**	Average	10	2	M	1.041	**	**
fuly 1851	10	1	М	. 80	11	44	July 1859	10	1	М	. 92	**	66
3., 1001	10	î	M	1.00	44	44		10 10	1 1	M M	1.00 1.17	44	44
Average	10	2	M	. 90	**	11	Average	10	3	M	1.03	44	
Jan. 1852	10	1	M	. 80	î	44	Jan. 1860	10	1	м	1.00		44
	10 10	1	M	1.00	44	14	2 1000	10	1	M	1.17	**	14 14
	10	1	M M	1.00				10	1	M	1, 25	,,	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 62, NEW HAMPSHIRE—Continued.

LABORERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.
July 1860	10 10 10	I 1 3	M M M	\$1,00 1 1,17 1,25	per d	lay.	July 1871	10 10 10	1 2 1	M M M	\$1,33 1,50 1,58	per	day.
Average	10	. 5	M	1.181	44	**	Average	10	4	М	1.471	4.6	16
Jan. 1861 July 1861	10 10 10	1 1 1	M M M	1.00 1.00 1.00	44 44	44 44 46	Jan. 1872	10 10	1 1	M M	1.33 1.58	44	46
Jan. 1862 July 1862	10 10 10	2	M M	1.00	6 £	46	A verage July 1872	10	1	M	1.45½ 1.00	44	66
Average	10	3	М	1.11	44	4.6		10 10 10	2 4 1	M M M	1.25 1.50 1.58	66	44
Jan. 1863	10 10	2	M	1.00 1.42	44	44	Average		8	M	1.381	.4	46
Average	10	3	'М	1.14	44	44	Jan. 1873	10 10	1 2	M M	1.00 1.25	46	66
July 1863	10 10	3	M M	1.00 1.67	"	"		10 10	4	M M	1. 50 1. 58	44	16
Average	10	4	М	$1.16\frac{1}{2}$	44	**	Average	10	8	M	1.381	, 44	44
- Jan. 1864	10 10	1	M M	1.00 1.67	46	44	July 1873	10 10 10	1 1 4	M M M	1.00 1.25 1.50	44	66 66
Average	10	2	M	1. 33½	44	4	-	10	1	M	1.58	61	44
July 1864 Jan. 1865 July 1865	10 10 10	1 I 1	M M M	1. 25 . 92 . 92	14	44 44	Jan. 1874	10	7	MMM	1, 40½ 1, 25 1, 50	44	41
Jan. 1866	10	1	M	1. 25	46	66	 ,	10 10	í	M	1.58	14	4.6
	10 10 10	$\begin{array}{c c} & 1 \\ 2 \\ 1 \end{array}$	M M M	1. 33 1. 42 1. 50	44	66	Average	10	4	M	1. 451	14	4.6
Average		5	М	1.381	44	**	July 1874	10 10	3	M	1, 50 1, 58	14	11
July 1866		1 3	M	1. 42 1. 50	44	66	Average	10	4	М	1.52	44	**
Average		4	M	1. 48	6.6	44	Jan. 1875	10	1	M	1.50	3-	44
Jan. 1867		1 2	M	1. 42	44	66	July 1875	10 10	1 2	M M	1.33 1.50		16
A word or	-	3	- M	1.471	4.6	44	Average	10	3	.M	1. 44		44
Average		1	M	1. 42	66	44	July 1876	10	1	M	1.50	**	44
July 1867	10	2 3	M	1.50	44	44	Jan. 1879	10 10 10	, 1	M M M	1. 00 1. 15 1. 25	44	14 14
Average Jan. 1868		2	M	1. 33	64	44	Average		6	M	1.19		44
July 1868 Jan. 1869 July 1869 Jan. 1870	10 10 10	3 3 5 1	M	1. 33 1. 33 1. 50 1. 58	44	44 44	July 1879		1 1 4		1.00 1.15 1.25	4 6 4 6	66 66
Inl- 1970	10	1	M	1.33	4.6	46	Averag	e 10	6	M	1. 19	**	**
July 1870	10 10 10	1 2 1		1.50 1.58	44	66	Jan. 1880	10 10 10		M	1. 00 1. 15 1. 25	46	46 46 41
Averag	e 10	4	M	1, 47	**	44	Averag		5	-	1, 18		44
Jan. 1871	10 10 10	1 2 1		1.33 1.50 1.58	44	46 46 46	July 1880	10	1 1	M M	1.00 1.15	64 84	
Average	-	_		1.47	44	44	Averag	e 10	_	M	1. 25		46

METALS AND METALLIC GOODS: ESTABLISHMENT No. 62, NEW HAMPSHIRE—Continued.

LABORERS - Concluded:

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of 1	wages
Jan. 1881	10 10 10	1 2 1	M M	\$1.15 1.25 1.30	per	day.	Jan. 1886	10 10 10 10	1 1 1	M M M M	\$1. 20 1. 25 1. 30	per	day.
Average	10	4	71	1. 231	4.4	44	A	ļ 			1.35	"	
July 1881	10	Į į	71	1.00	44	44	Average	-	4	М	1. 271		44
	10 10 10	1 3 1	M M	1. 15 1. 25 1. 30	66 61	11	July 1886	10 10 10	1 1 1	M M M	1. 20 1. 25 1. 30	44	66 66
Average	10	- 6	Л	1_20	4.6	66		10	1	M	1.40	"	66
Jan. 1882	10 10 10	1 3 1	M M M	1. 15 1. 25 1. 30	44 44	66 _	Average Jan. 1887	10 10 10	° 4	M M M	1. 281	**	46
Average	10	5	M	1. 24	16	44	1	10	. 1	M	1.30 1.40	16	44
July 1882	10	1	M	1.00	11	11	Average	10	4.	M	1.30	46	14
July 1662	10 10 10 10	1 3 1	M M	1. 15 1. 25 1. 30	46 44 11	44 44	July 1887	10 10 10	2 1 1	M M M	1. 25 1. 30 1. 45	66 66	44 14
Average	10	6		1. 20	44	44	Average	10	4	· M	1.311		44
Jan. 1883	10 10	1	М	1.00 1.20	44	66 66	Jan. 1888	10 10	3 1	M M	1. 25 1. 4 5	16	14 41
	10 10	3	M	1. 25 1. 30	44	46	Average	10	4	M	1. 30	44	**
Average	10	6	М	1. 21	**	"	July 1888	10 10	3	M M	1. 25 1. 50	46	66 64
July 1883	10 10	1 1	M M	1.00 1.20	44	44	Average	10	4	<u>m</u> -	1. 30 1. 311	65	11
	10 10	3	M	1. 25 1. 30	44	**	Jan. 1889	10	1	M	1, 25	44	1 £
Average	10	6	М	1, 21	4.5	44	Average	10	3	M	1.50	"	44
Jan. 1884	10	1	М	1.00	41	44	July 1889	10	2	м	1. 25		11
	10 10 10	$\begin{array}{c} 1 \\ 2 \\ 1 \end{array}$	M M	1. 20 1. 25 1. 30	66	11		10 10	1	M	1. 33	44	46
Average	10	5		1. 20	11	44	Average	10	4	М	1. 33}	16	16
July 1884	10	1	м	1.00	46	16	Jan. 1890	10 10	1 3	М	1.00 1.25	64	44 44 44
	10 10 10	1 1	M M M	1. 20 1. 25 1. 30	**	11	Average	10	5	<u>М</u> 	1. 50	66	44
Average	10	4	·M	1. 18	4.6	"	July 1890	10	2	М	1.25	44	(6 6 6
Jan. 1885	10	1	M	1. 15	46	66	Average	10	3	M M	1. 50 1. 331	11	**
	10 10 10	1 1 1	M M M	1. 20 1. 25 1. 35	44	14	Jan. 1891	10	1	м	1.00	44	11
Average	10	4	М	1. 231	66	66		10	2 1	M M	1. 25 1. 50	11	"
July 1885	10	1	м	1. 15	64	46	Average	, 10	4	M	1.25	45	ıı
	10 10 10	1 1 1	<u>м</u> М	1. 25 1. 30 1. 35	44 44	66 66	July 1891	. 10 , 10 10	1 1	M M M	1.00 1.25 1.50	44 45 46	61 61
Average	10	4	м	1. 261	64	11	Average	10	3	M	1, 25	61	ù

METALS AND METALLIC GOODS: ESTABLISHMENT No. 62, NEW HAMPSHIRE—Continued.

MACHINISTS.

Payroll of day. Bulliones Sex. Rate of wages. Payroll Sex. Bulliones Sex. Rate of wages. Payroll Sex. Se														
11	Payron	Hours per day.	Dinerent	Sex.	Rate	of v	vages.		per		Sex.	Rate	of v	ages.
11	- 1015	-,,	. ,	3.5	M1 00		3	T1 1040	10		3.6	41 00		
11	Jan. 1845		2		1.17	Der	day.	9 my 1848					per	day.
Average 11 2 M 1.42 1 1 1 1 4 M 1.35 1 1 1 1 M 2.00 1 1 1 M 1.33 1 1 1 M 1.24 1 1 M 1.24 1 1 M 1.24 1 1 M 1.24 1 1 M 1.24 1 1 M 1.24 1 1 M 1.24 1 1 M 1.24 1 1 M 1.25 1 M 1.25 1 M 1.25 1 M 1.25 1 M 1.25 1 M 1.25 1 M 1.25 M 1			8		1, 25					6				
Average 11			2		1.42					4		1.25		
Average 11 23 M 1.24\frac{1}{2} \cdots \begin{array}{c ccccccccccccccccccccccccccccccccccc								1				1.33		
Average 11		- 11		ш	2,00			il		3				
July 1845	Average	11	23	M	1.24	4.6	44	1	10	2	M	1.67		
11	T 1 1015			3.5	1 00	44	44	1				1.75		
Average 11	July 1845	11						1				2.08		
Average 11 22 M 1.50 1.	+		8		1.25									
Average 11 22 M 1.26								Average	10	27	M	1.37	44	4.6
Average 11								Jan 1849	10	,	м	7 00		44
Average		31			·[— -—			U MIL. 1045				1.17		
Jan. 1846 11	Average	11	22	M	1. 26	4.6	4.6			2		1.25		
Average 11 22 M 1.07 1.0 1.0 2 M 1.67 1.0	T 10/0	١,,		3.5	1 00	44								
11	Jan. 1840							1		1 2		1.50	44	44
Average 11 2 M 1.53		11	2		1, 17				10	2		1.67		
Average 11					1. 25		•••							
Average 11			2					1	10	1	M	2.08		,
Average 11 25 M 1.28					1.50			Average	10	21	M	1.39	44	44
Average 11			1,	M	2.00	6.6	44	_		1 .	3.0	1 00		
July 1846 11 5 M 1.00 1 10 1 M 1.25 1 11 1 M 1.17 1 10 2 M 1.33 1 11 4 M 1.25 1 10 6 M 1.50 1 11 5 M 1.50 1 1 M 1.58 1 11 1 M 1.50 1 1 M 1.58 1 11 1 M 1.67 1 M 1.58 1 11 1 M 1.67 1 M 1.83 1 11 1 M 1.00 1 M 1.37½ 1 4 11 1 M 1.00 1 M 1.00 1 3 1 1 M 1.00 1 M 1.00 1 4 1 <td>Avarono</td> <td>11</td> <td>95</td> <td>M</td> <td>1 99</td> <td>- 64</td> <td>44</td> <td>July 1849</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Avarono	11	95	M	1 99	- 64	44	July 1849						
11	Average	1	23	1111	1. 20					i				
Average 11 24 M 1.25 " " Average 10 21 M 1.37 " " " Average 11 2 M 1.35 " " Average 11 2 M 1.35 " " Average 11 1 M 1.65 " " Av	July 1846		5		1.00					2				
Average Jan. 1847 Average Jan. 1847 III	-							1		1 8				
Average Jan. 1847 Average Jan. 1847 Average Jan. 1847 II			5				44	1						
Average 11			1	M	1.42			li .	10	1	M	1.83		
Average 11		11							.10	1	М	2.50	**	**
Average 11 24 M 1.35½ " " Jan. 1850 10 2 M 1.00 " " " 10 3 M 1.17 " " " 11 1 3 M 1.00 " " 10 1 M 1.25 " " 10 1 1 M 1.83 " " 11 1 2 M 1.33 " " 11 1 1 M 1.67 " " Average 11 1 1 M 1.08 " " 11 1 1 M 1.17 " " 11 1 1 M 1.17 " " 11 1 1 M 1.17 " " 11 1 1 M 1.17 " " 11 1 1 M 1.17 " " 11 1 1 M 1.17 " " 11 1 1 M 1.17 " " 11 1 1 M 1.17 " " 11 1 1 M 1.17 " " 11 1 1 M 1.17 " " 11 1 1 M 1.17 " " 11 1 1 M 1.17 " " 11 1 1 M 1.17 " " 11 1 1 M 1.17 " " 11 1 1 M 1.17 " " 11 1 1 M 1.17 " " 11 1 1 M 1.17 " " 11 1 1 M 1.17 " " " 11 1 1 M 1.17 " " 11 1 1 M 1.17 " " 11 1 1 M 1.17 " " 11 1 1 M 1.17 " " 11 1 1 M 1.17 " " 11 1 1 M 1.17 " " 11 1 1 M 1.17 " " " 11 1 1 M 1.17 " " 11 1 1 M 1.17 " " 11 1 1 M 1.17 " " 11 1 1 M 1.17 " " 11 1 1 M 1.17 " " 11 1 1 M 1.17 " " 11 1 1 M 1.17 " " " 11 1 1 M 1.17 " " 11 1 1 M 1.17 " " 11 1 1 M 1.25 " " " 11 1 1 M 1.17 " " 11 1 1 M 1.25 " " " 11 1 2 M 1.50 " " 1 1 1 1 1 M 1.50 " " 1 1 1 1 1 M 1.50 " " 1 1 1 1 1 M 1.25 " " " 1 1 1 1 1 M 1.25 " " " 1 1 1 1 1 M 1.25 " " " 1 1 1 1 1 M 1.25 " " " 1 1 1 1 M 1.25 " " " 1 1 1 1 1 M 1.25 " " " 1 1 1 1 1 M 1.25 " " " 1 1 1 1 M 1.25 " " " 1 1 1 1 1 M 1.25 " " " 1 1 1 1 1 M 1.25 " " " 1 1 1 1 1 M 1.25 " " " 1 1 1 1 1 M 1.25 " " " 1 1 1 1 1 M 1.25 " " " 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		11	1	M	2,00	84	44	Average	10	21	M	1.37	44	44
Average 11		11	1	.141	2.08		•	Jan. 1850	10	2	M.	1.00		
Jan. 1847 11 3 M 1.00 " 10 2 M 1.33 " " 11 1 M 1.08 " 10 1 M 1.42 " " 11 2 M 1.33 " 10 1 M 1.42 " " 11 1 M 1.42 " 10 1 M 1.83 " " 11 1 M 1.67 " Average 10 21 M 1.41 " " 11 1 M 1.67 " Average 10 21 M 1.41 " " 11 1 M 1.75 " July 1850 10 2 M 1.00 " 10 2 M 1.00 " 10 2 M 1.00 " 10 1 M 1.00 " 10 <td>Average</td> <td>11</td> <td>24</td> <td>M</td> <td>1.35</td> <td>**</td> <td>4.6</td> <td> </td> <td>10</td> <td>3</td> <td></td> <td>1.17</td> <td></td> <td></td>	Average	11	24	M	1.35	**	4.6		10	3		1.17		
11	Y 1047	1		N/E	1 00		44							
11	9 WIT TO 3.1					4.6	4.6							
11			5	M	1.25			ii .	10	8	M			
Average 11 19 M 1.36½ " " July 1850 10 21 M 1.41½ " " " Average 11 19 M 1.36½ " " July 1847 11 5 M 1.00 " " 11 1 1 M 1.75 " " 11 1 1 M 1.75 " " July 1847 11 5 M 1.00 " " 11 1 1 M 1.17 " " 11 1 2 M 1.42 " " 11 1 2 M 1.58 " " Average 11 25 M 1.68 " " Average 11 3 M 1.58 " " Average 11 1			2											
11					1.42			[]	1.0			2.00		
Average 11 1 1 M 2.08 " " July 1850 10 3 M 1.00 " " 1 M 1.25 " " M 1.25 " " 1 M 1.25 " " 1 M 1.25 " " 1 M 1.25 " " 1 M 1.25 " " 1 M 1.25 " " 1 M 1.25 " " 1 M 1.25 " " 1 M 1.25 " " 1 M 1.25 " " M 1.25 " " 1 M 1.25 " " 1 M 1.25 " " 1 M 1.25 " " 1 M 1.25 " " 1 M 1.25 " " 1 M 1.25 " " 1 M 1.25 " " 1 M 1.25 " " 1 M 1.25 " " M 1.25 " " 1 M 1.25 " " 1 M 1.25 " " 1 M 1.25 " " 1 M 1.25 " " 1 M 1.25 " " 1 M 1.25 " " 1 M 1.25 " " 1 M 1.25 " " 1 M 1.25 " " 1 M 1.25 " " 1 M 1.25 " " 1 M 1.25 " " 1 M 1.25 " " 1 M 1.25 "	,		1		1.67			Average	10	21	M	1.41	**	44
Average 11 19 M 1.36\frac{1}{2} 11 15 M 1.00 11 M 1.25 11 11 13 M 1.25 12 10 12 M 1.33 11 13 M 1.25 11 15 M 1.42 11 15 M 1.42 11 17 11 17 17 18 10 17 10 17 10 18 10 18 10 19 M 1.42\frac{1}{2} 11 12 M 1.67 11 13 M 1.58 11 14 12 M 1.67 11 14 14 15 11 15 M 1.68 11 15 M 1.68 11 15 M 1.68 11 15 M 1.68 11 15 M 1.68 11 17 18 11 18 18 18 1		11	1					7 1 1050	10		M	7 00	44	44
Average July 1847 July 1857 Jul		11	1	M	2.08		••	1 nmy 1820	10					
July 1847 11 5 M 1.00 " 10 1 M 1.33 " " 11 1 M 1.17 " 10 1 M 1.42 " 1 10 7 M 1.50 " " 1 1 M 1.55 " " 10 1 M 1.55 " " 1 10 1 M 1.55 " " 1 10 1 M 1.55 " " 1 M 1.55 " " 10 1 M 1.55 " " 10 1 M 1.55 " " 10 1 M 1.55 " " 10 1 M 1.83 " " 10 1 M 1.83 " " 4 4 10 1 M 1.42½ " " 4 10 2 M 1.00	Average	11	19	M	1. 361	- 16	44	Į.	10	1	M	1.25		
11	***,	1		1	1 -		44	li.		2				
Average 11	1021	11	1	M	1.17		•••	Įį.		7		1. 50	4.4	
Average 11 2 M 1.42	-	11	3					H	10	1	M	1.58		
Average 11 22 M 1.58 " " Average 10 19 M 1.42 " " " Average 11 1 25 M 1.38 " " Jan. 1851 10 3 M 1.55 " " " Jan. 1851 10 3 M 1.17 " " " Jan. 1848 10 2 M 1.00 " " Jan. 1851 10 1 M 1.42 " " Jan. 1848 10 2 M 1.03 " " Jan. 1851 10 1 M 1.50 " " " Jan. 1848 10 2 M 1.03 " " Jan. 1848 10 2 M 1.03 " " Jan. 1848 10 2 M 1.03 " " Jan. 1848 10 3 M 1.33 " " Jan. 1848 10 3 M 1.75 " " Jan. 1848 10 3 M 1.75 " " Jan. 1848 10 3 M 1.75 " " Jan. 1848 10 3 M 1.75 " " Jan. 1848 10 3 M 1.75 " " Jan. 1848 10 3 M 1.75 " " Jan. 1848 10 3 M 1.75 " " Jan. 1848 10 3 M 1.75 " " Jan. 1848 10 3 M 1.65 " " Jan. 1848 10 3 M 1.75 " " Jan. 1848 10 3 M 1.75 " " Jan. 1848 10 3 M 1.83 " " Jan. 1848 10 3 M 1.75 " " Jan. 1848 10 3 M 1.75 " " Jan. 1848 10 3 M 1.75 " " Jan. 1848 10 3 M 1.75 " " Jan. 1848 10 3 M 1.75 " " Jan. 1848 10 3 M 1.75 " " Jan. 1848 10 3 M 1.75 " " Jan. 1848 10 3 M 1.75 " " Jan. 1848 10 3 M 1.75 " " Jan. 1848 10 3 M 1.75 " " Jan. 1848 10 3 M 1.75 " " Jan. 1848 10 3 M 1.75 " " Jan. 1848 10 3 M 1.75 " " Jan. 1848 10 3 M 1.75 " " " Jan. 1848 10 3 M 1.75 " " Jan. 1848 10 3 M 1.75 " " Jan. 1848 10 3 M 1.75 " " Jan. 1848 10 3 M 1.75 " " Jan. 1848 10 3 M 1.75 " " " Jan. 1848 10 3 M 1.75 " " " Jan. 1848 10 3 M 1.75 " " " Jan. 1848 10 3 M 1.75 " " " Jan. 1848 10 3 M 1.75 " " " Jan. 1848 10 3 M 1.75 " " " Jan. 1848 10 3 M 1.75 " " " Jan. 1848 10 3 M 1.75 " " " Jan. 1848 10 3 M 1.75 " " " Jan. 1851 10 3 M 1.75 " " " " Jan. 1851 10 3 M 1.75 " " " " Jan. 1851 10 3 M 1.75 " " " " Jan. 1851 10 3 M 1.75 " " " " Jan. 1851 10 3 M 1.75 " " " " Jan. 1851 10 3 M 1.75 " " " " Jan. 1851 10 3 M 1.75 " " " " Jan. 1851 10 3 M 1.75 " " " " " Jan. 1851 10 3 M 1.75 " " " " " Jan. 1851 10 3 M 1.75 " " " " " Jan. 1851 10 3 M 1.75 " " " " " " Jan. 1851 10 3 M 1.75 " " " " Jan. 1851 10 3 M 1.75 " " " " Jan. 1851 10 3 M 1.75 " " " " Jan. 1851 10 3 M 1.75 " " " " " Jan. 1851 10 3 M 1.75 " " " " " Jan. 1851 10 3 M 1.75 " " " " Jan. 1851 10 3 M 1.75 " " " " Jan. 1851 10 3 M 1.75 " " " " Jan. 1851 10 3 M 1.75 " " " " Jan. 1851 10 3 M 1.75 " " " " Jan. 1851 10 3 M 1.75 "			5		1.33	-				ī				**
Average 11 25 M 1.38 " " Jan. 1851 10 3 M 1.00 " " 10 Jan. 1851 10 2 M 1.07 " " 10 Jan. 1851 10 3 M 1.25 " " 10 Jan. 1851 10 3 M 1.25 " " 10 Jan. 1851 10 3 M 1.25 " " 10 Jan. 1851 10 Jan.			2					ll.	_ 10	1	M	2.50		
Average 11 25 M 1.38½ " " Jan. 1851 10 3 M 1.00 " " 10 5 M 1.25 " " 10 11 M 1.50 " " 10 11 M 1.50 " " 10 11 M 1.50 " " 10 11 M 1.50 " " 10 11 M 1.83 " " 10 10 10 11 M 1.83 " " 10 10 10 10 10 10 10 10 10 10 10 10 10		11	3	M	1.58		*-	Average	10	19	M	1, 42	* **	44
Average 11 25 M 1.38½ " " 10 2 M 1.17 " " 10 3 M 1.25 " " 10 1 M 1.42 " " 10 M 1.41 ½ " " 10 M								11	,	1	1	1		**
Average 11 25 M 1.38½ " " 10 3 M 1.383 " " 10 10 1 M 1.42 " " 10 1 M 1.75 " " 10 1 M 1.83 " " 10 1 M 1.42 " " 10 1 M 1.83 " " 10 M 1.83						4.6	44	Jan. 1851				1.00		
Average 11 25 M 1.38½ " " 10 3 M 1.33 " " 1 10 1 1 M 1.42 " " 1 10 1 1 M 1.50 " " 1 10 1 1 M 1.50 " " 1 10 1 1 M 1.50 " " 1 10 1 1 M 1.83 " " 1 10 1 1 M 1.83 " " 1 10 1 1 M 1.83 " " 1 10 1 1 M 1.83 " " 1 10 1 1 M 1.83 " " 1 10 1 1 M 1.83 " " 1 10 1 1 M 1.50 " " 1 1 M 1.83 " " 1 10 1 M 1.83 " " 1 10 1 M 1.83 " " 1 10 1 M 1.83 " " 1 10 1 M 1.83 " " 1 10 1 M 1.83 " " 1 10 1 M 1.83 " " 1 10 1 M 1.83 " " 1 10 M 1.83 " "			!	.\				li				1.25		
Jan. 1848 10 2 M 1.00 <t< td=""><td>Average</td><td>11</td><td>25</td><td>M</td><td>1.38</td><td>2</td><td></td><td>11</td><td>10</td><td>3</td><td>M</td><td>1.33</td><td></td><td></td></t<>	Average	11	25	M	1.38	2		11	10	3	M	1.33		
10	Jan. 1848		2					1]						
10			2					- 11						
10 4 M 1.33 10 / 1 M 2.50 110 4 M 1.42 Average 10 28 M 1.41 10 10 1 M 2.08 July 1851 10 2 M 1.17 110 1 M 2.08 July 1851 10 2 M 1.25		10	5								M	1.83		
10			4	M	1. 33				10	1 1	M	2.50	6.6	**
10 2 M 1.83 " " July 1851 10 2 M 1.17 " " 10 1 M 2.08 " " July 1851 10 2 M 1.25 " "		10	4		1,42			A wore a	10	90	M	1.412		64
10 1 M 2.08 " " July 1851 10 2 M 1.17 " " 10 10 2 M 1.25 " "	**				1.67			Average	0, 10	20	1 111	1. 117		
10 2 M 1.25 1		10				44	66	July 1851	10	2				**
TACLES 10 20 WT 1'242	A			35	1 21	1 164	44	II.						
	Average	10	30	M	1 1.34			T(1 10	. *	1 424	1 1100		

METALS AND METALLIC GOODS: ESTABLISHMENT No. 62, NEW HAMPSHIRE—Continued.

Payroll of	Hours per day.	Different employés.	Sex.	Rate	of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.
July 1851- cone'd.	10 10 10 10 10	10 4 1 1	M M M M	\$1.50 1.67 1.83 2.00 2.50	per day.	July 1854 conc'd. Average	10 10	1 21	M M	\$1. 91 2. 50 1. 56	perday.
Average Jan. 1852	10 10 10 10 10 10 10 10 10	25 2 1 5 10 1 3 2 1	M M M M M M M M M	1. 52½ 1. 17 1. 25 1. 33 1. 50 1. 58 1. 67 1. 75 1. 83 2. 00	44 40 46 46 41 46 46 46 44 46 45 46 44 46 44 46	Jan. 1855 Average	10 10 10 10 10 10 10 10 10	2 2 1 2 3 4 3 1 4	M M M M M M M M	1. 00 1. 17 1. 25 1. 33 1. 42 1. 50 1. 58 1. 67 1. 75	45 65 65 65 65 65 65 65 65 65 65 65 65 65
Average July 1852	10 10 10	27	M M M	2.50 1.54½ 1.17	65 44 44 44 44 44	July 1855,	10 10 10 10	3 2 3	M M M	1. 17 1. 25 1. 33 1. 42	44 44 44 44 44 44 44 44
	10 10 10 10 10 10	2 1 8 2 1	M M M M M	1. 25 1. 33 1. 42 1. 50 1. 58 1. 67	46 46 46 46 46 46 46 46		10 10 10 10 10	1 3 2 1 2 1	M M M M	1. 50 1. 58 1. 67 1. 75 1. 83	14 14 14 14 14 14
Average	10 10 10	1 1 19	M M M	1. 75* 1. 83	11 14	Average Jan. 1856	10 10 10	18 2 1	M M M	1.45 1.17 1.25	11 14 11 11
J an. 1853	10 10 10 10 10 10 10	1 4 3 5 4 7 3	M M M M M M M	1. 00 1. 17 1. 25 1. 33 1. 42 1. 50 1. 58 1. 67	65 66 66 66 66 66 66 66 66 66 66 66 66 6		10 10 10 10 10 10 10	3 1 4 1 1 2 1	M M M M M M	1. 33 1. 42 1. 50 1. 58 1. 67 1. 75 2. 00	16 16 16 16 16 16 16 16 16 16 16 16 16 1
Average	10	30	M M	1.75	" "	Average July 1856	10 10 10	16 1 4	M M M	1. 48½ 1. 25 1. 33	11 15
J uly 1853	10 10 10 10 10	2 2 2 4 10	M M M M	1. 00 1. 17 1. 25 1. 42 1. 50	16 46 11 46 11 14 14 41		10 10 10 10 10	1 1 2 1	M M M M	1. 50 1. 58 1. 67 1. 75 2. 00	66 66 66 66 66 66 64 66
	10 10 10	3 5 1	M M M	1.58 1.67 2.00	66 46 64 46	Average Jan. 1857	10 10	12	M M	1. 52½ 1. 25	£6 £6
. Average Jan. 1854	10 • 10 10 10 10 10	29 3 1 1 1 4	M M M M	1. 47 1. 17 1. 25 1. 33 1. 42 1. 50	14 44 14 14 14 14 15 16 16 16		10 10 10 10 10 10 10	4 1 3 1 1	M M M M M M M	1. 33 1. 42 1. 50 1. 58 1. 67 1. 75 2. 00	11 46 64 65 14 64 48 44 45 66 41 46
	10 10	5 6	M	1.58 1.67	16 46	Average July 1857	10	14	M	1.48	11 14
Average July 1854	10 10 10 10 10 10 10	21 2 2 1 2 2 2 6 3	M M M M M M	1. 49½ 1. 17 1. 25 1. 38 1. 42 1. 50 1. 58 1. 67	61		10 10 10 10 10 10 10 10	1 2 2 2 7 1 2 1	M M M M M M M	1. 17 1. 25 1. 33 1. 42 1. 50 1. 58 1. 67 1. 91 2. 00	16 68 24 44 26 69 46 64 48 64 48 64 48 64 66 64
'	10 (1	M	1. 75		≜ verage	10	19	M	1.50	44 46

METALS AND METALLIC GOODS: ESTABLISHMENT No. 62, NEW HAMPSHIRE—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	rages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	7ages
Jan. 1858	10	1	M	\$1,00	per	day.	Jan. 1862	10	1	M	\$1.25	per	day.
	10 10	2	M	1. 17 1. 25	"	15	1 1	10 10	4 1	M M	1.33 1.42	44	
	10	2 2 3	M	1.33	44	44		10	2	M	1.58	4.6	4.4
	10	3	M	1, 50	44	66		10	2 3 1	M	1.75	4.4	44
	10	2	M	1.75 1.91	44	16	1	10 10	1,	M	1.83 2.00	"	44
	10			-									
Average	10	13	M	1. 41	41	44	Average	10	13	М	1; 55 <u>1</u>	**	44
July 1858	10	1 2	M	1.08 1.17	**	44	July 1862	10 10	1 4	M	1.17	66	44
	10	3	M	1. 25	44	4.6		10	2	M	1.42	44	4.6
	10	3 2	M	1.33	11	46	11	10	2 2 2	M	1.50	66	44
	10		M	1.42 1.58	11	44		10	1 2	M	1.58	44	66
	10 10	1 1	M	1. 67	6.6	44	ļļ l	10 10	1	M	1. 67 1. 75	66	66
A monoro	10	13	M	1. 321	6.6	4.6	1	10 10	2	M	1.83 2.00	44	66
Average Jan. 1859	10	1	м	1.00	44	14	Average	l—	16	M	1.531	"	
I WILL TOUR	10	1	M	1.08	6.6	6.4				1			
	10	3	M	1.25	44	44	Jan. 1863	10	1	M	1.33	46	66
	10 10	4	M	1.42 1.58	44	66		10 10	3	M	1.50 1.58	46	
	10	i	M	1.67	44	6.6		10	4	M	1.67	4.4	6.6
A TOTO CO		11	м	1.34	••	44 -		10 10	1 1	M	1.75 2.00	44	**
Average July 1859	10	"1	M	1.00	16	44	Average		12	M	1.624	44	44
шу 1638	10	1	M	1.17	4.6	41		1		1	1 -	44	44
	10	2	M	1.42	11	44	July 1863	10 10	1 1	M	1.42 1.50	66	66
	10 10	1 1	M	1, 50 1, 58	66	16	H	10	1 1 2	M	1.58	46	64
	10	î	M	1.67	4.6	44	I.	10	ī	M	1, 67	**	64
	10	1	M	1.75	66	64	-	10	2	M	1.75 1.83	44	44
	10	1	M	2.00				10	1	M	2.17	66	46
Average	10	9	M	1.50	4.6	44	Average	10	12	М	1.72	44	**
Jan. 1860	10 10	1 2	M	1. 17 1. 25	66	16	Jan. 1864	10	1	M	1.42	11	4.6
	10	3	M	1. 33	44	4.6	1 0 11111	10	3	M	1.50	44	46
	10	3	M	1.42	66	"	li .	10	1 1	M	1.58 1.75	44	66
Y	10	3	M.	1.50 1.58	66	44		10 10	1 2	M	1. 83	44	46
4	10 10	4	M	1.67	44	4.6	l l	10	2 2 2	M	1.91	14	44
	10	1	M	1.75	6.6	44	Į.	10	2	M	2.00	6.6	66
	10	1	M	2.00	4.6	6.6	Average	10	12	М	1.721	44	44
Average	10	19	M	1.48	5.6	** .	July 1864	10	1	м	1.50	44	44
July 1860	10	6	M	1.33	4.6	44	5 dry 1604	10	1	M	1.58	6.6	44
J 1000	10	2	M	1.42	44	44	1	10	1 2	M	1.67	66	66 /
	10	5	M	1.50	66	66	Į.	10 10	2	M	1.75 1.83	44	44
	10 10	5	M	1.58 1.67	"	44	1	10	1 1	M	1.91	14	44
	10	2 2	M	1.75	**	44	1	10	. 2	M	2.00	£ 6	11
	10	ī	M	2.00		44		10		M	2.17		**
Average		23	M	1.521	- 64	ii	Average	10	11	M	1.85	44	
Jan. 1861	10	1 3	M	1.33	44	4.6	Jan. 1865	10	I	M	1,00	66	66
	10 10	3	M	1.42 1.50	44	4.5		10		M M	1.58	44	45
	10	1	M	1.58	6.6	66		10		M	2.00	44	44
	10 10	1 1	M M	1.67 1.75	44	44		10	3	M	2. 25 2. 33	66	66
Average		10	М	1.51	**	44	Average	3		м	1.98		44
July 1861	10	1	M	1.33	77.	66				3.0	7 00	- 66	44
·	10	1	M	1.42	44	44	July 1865	10 10	1	M	1.00	66	66
	10	2 2	M	1.50 1.75	64	64	1	10	1	M	1.67	46	46
	10	.'				44	II.	10	1	M	1.75	46	44
▲verage	10	6	M	1.54	44	4.6	q.	10	1	I M	1.88		

METALS AND METALLIC GOODS: ESTABLISHMENT No. 62, NEW HAMPSHIRE—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
July 1865- cone'd.	10 10	2 5	M M	\$1.91 2.00	per	day.	July 1870- conc'd.	10 10	1 3	M M	\$2.42 2.50	per	day.
Average	10	12	M	1.80	4.6	11	Average	10	9	М	2. 27	4.6	**
Jan. 1866	10 10 10 10 10	1 3 .1 3	M M M M	1.58 2.00 2.17 2.25 2.33	46 66 66 66	* 44 44 44 46	Jan. 1871	10 10 10 10	2 2 1 2	M M M M	2.00 2.25 2.42 2.50	44 44 44 44	, (I
A worn on	10	10	M	2. 50	**	46	Average	10	7	M M	2. 27½ 2. 00	"	
Average July 1866	10 10 10 10	2 1 2 4	M M M	1. 00 1. 58 2. 17 2. 25	46	" 44 " 44	July 1871	10 10 10 10 10	1 1 1	M M M M	2. 17 2. 25 2. 42 2. 50	44 44	66 66 66
	10 10	$\frac{1}{2}$	M	2.33	66	44	Average	10	7	M	2. 261	16	44
Average Jan. 1867	10	12	M M	2.02		44 44	Jan. 1872	10 10 10 10	1· 2 3 1	M M M M	1.50 2.00 2.25 2.50	**	64 64 64
	10	1 1	M	1.58 2.25	46	"	Average	10	7	м	2. 101	44	44
A	10	3	M	2. 33 2. 50	44	"	July 1872	10 10	1 2	M M	1.00 1.50	44	44 45
Average	10	9	М	2.00	44			10 10	2	M	1.75 2.00	16	"
July 1867	10 10 10 10	1 1 3	M M M M	1.00 2.25 2.33 2.50	66	66	Average	10 10	3 11	M	2. 25 2. 50 1. 95½	44	**
Average	10	7	M	2. 01	66	44	Jan. 1873	10	1	м	1.50	14	"
Jan. 1868	10 10 10 10	2 2 3 1	M M M M	1. 00 2. 00 2. 25 2. 50	44 44	61 46 46 46	ban. 1010	10 10 10 10 10	1 1 1 1 1	M M M M M	1. 75 2. 00 2. 08 2. 25 2. 50	66 66 66 66	"
Average	10	~ 8	М	1.901	66	44	Average	10	6	M	2. 01½	44	tr
July 1868	10 10 10 10 10	2 1 2 3 4	M M M M M	1. 00 1. 75 2. 00 2. 25 2. 50	66 66 66	66 66 66	July 1873	10 10 10 10 10	1 2 1 1 1	M M M M	1.50 2.00 2.08 2.25 2.50	45 46 46 46	66 46 46
Average	10	12	M	2.04	44	44	A verage	10	6	M	$2.05\frac{1}{3}$	44	**
Jan. 1869	10 10	7 1	M	2. 25 2. 50	46	44	Jan. 1874	10 10 10	1 1 1	M M M	1.00 2.25 2.50	44 44	66 61
Average	10	8	M	2. 28	**	44		10	i	M	2.75	14	11
July 1869	10 10 10	3 1 4	M M M	2.00 2.08 2.25	44	66 66	Average July 1874	10 10	4	M. -M	2. 12½ 1. 00	44	**
	10 10	3	M M	2. 50 2. 58	44	48 44		10 10	2 I	M	1.75 2.00	44	44
Average	10	12	м	2. 261	44	44		10 10	1 1 1	M	2. 25 2. 50	41	"
Jan. 1870	10 10	2 4	M M	2. 25 2. 50	64 66	44 66	Average	10	7	M	2.75	"	44
Average	10	6	м	2. 411	**	44	Jan. 1875	10	1	м	1.00	44	66
July 1870	10 10 10	1 1 3	M M	1. 75 2. 00 2. 25	66 66	66 66	Average	10	1 1 3	М М М	2. 25 2. 50 1. 911	**	**

METALS AND METALLIC GOODS: ESTABLISHMENT No. 62, NEW HAMPSHIRE—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.
July 1875	10 10 10 10	1 2 1 1	M M M M	\$1.00 1.50 2.25 2.50	44	day.	Jan. 1884	10 10 10 10 10	1 1 2 1 1	M M M M	\$1.30 1.40 1.50 2.00 2.33	per	day.
Average	10	5	M	1.75	"	44	Average	10	6	м	1. 67	"	64
Jan. 1876	10	2	M	1.00	44	44	July 1884	10	2	м	1.30		4.6
July 1876	10 10	1	M	1.00 2.25	**	44		10 10 10	1 1 1	M M M	1.45 1.50 2.00	66	11
Average	10	2	M	1. 62	41	66		10	î	M	2. 33	£ 6	64
Jan. 1879	10 10 10 10	1 1 1 1	M M M M	1. 38 1. 40 1. 50 2. 00	66 66 68	6 6 6 6 6 6	Average Jan. 1885	10 10.	6 1 1	M M M	1. 64½ 1. 30 1. 35	44	11 11
Average	10	4	М	1.57		44		10 10	2 1	M	1.50 2.25	44	44
July 1879	10	1	м	1.38	4.6	14	li	10	1	M	2. 33	44	66
	10 10	1 1	M	1.40		46	Average	ļ	e	M	1.701		
Average	10	1 4	M	2.00		**	July 1885	10 10 10	1 1 2	M M M	1.35 1.40 1.58	11	46
Jan. 1880	10	2	м	1.40	4.6	44		10 10	1 1	M	2. 25 2. 33	66	44
O LAIN 1000	10 10	1	M	1.50 2.00	44	44	Average		6	М	1. 75	"	**
Average	10	4	M	1.57	44	46	Jan. 1886	10 10	1	M	1.40 1.45	4.6	44
July 1880	10 10	1 1	M M	1. 40 1. 45	"	11	ļ	10 10	2	M	1. 58 2. 33	**	44
	10 10	1 1	M	1.50 2.00	44	66	Average	10	5	М	1.67	**	**
Average	10	4	М	1. 58	"	**	July 1886	10	2 2	M	1.45 1.58	44	44
Jan. 1881	10	1	м	1.40	66	41		10 10 10	1 1	M	2. 25	44	44
	10 10 10	1 1 1	M M M	1. 45 1. 50 2. 00	44	44	Average	-	6	м	1.78		44
Average	10	4	М	1.58	. "	**	Jan. 1887	10	1	M	1.45	44	66
July 1881	10	1	М	1.40	4.6	11		10 10	1 2 1	M	1.50 1.58	44	44
	10 10	2	M	1.50 2.00	"	**		10 10	1	M M	2. 25 2. 40	64	11
Average	10	4	М	1.60	"	44	Average	10	6	М	1.79	"	"
Jan. 1882	10 10 10	1 2 1	M M M	1.40 1.50 2.00	44 44	44	July 1887	10	1 1	M M	1. 45 1. 50	66	44 41 46
Average	10	4	м	1.60		"		10	2	M	1. 58 2. 45	6.6	"
July 1882	10 10	1 2	M	1.40 1.50	44	44	Average	10	5	М	1.71		11
	10	ĩ	M	2.00	. "	**	Jan. 1888	10	1 1	M	1.33 1.50	16	44
Average	10	4	M	1.60	44	44		10	1	M	1. 67 1. 75	44	44
Jan. 1883	10 10 10	1 2 1	M M M	1.40 1.50 2.00	**	64	Average	10	1 4	M	1. 75		"
Average	Ī	4	M	1.60	4.6	46	July 1888	10	1	м	1.33	4.6	66
July 1883	10 10 10	1 2 1	M M M	1.40 1.50 2.00	44	44 44 46	3 223 2000	10 10 10	1 1	M M M	1. 50 1. 67 1. 75	64 66	66 66
Average		4	м	1. 60	- 66	46	Average	10	4	M	1.56	"	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 62, NEW HAMPSHIRE—Continued.

MACHINISTS-Concluded.

Payroll of—	Hours per day.	Different employés.		Rate	of '	wages.	Payroll of—	Hours per day.	Different employés.		Rate	of	vages
Jan. 1889	10 10 10 10	1 1 1	M M M M	\$1.50 1.58 1.67 1.75	per "	day.	July 1890	10 10 10 10	3 1 1 4	M M M M	\$1.50 1.58 1.67 2.00	per	day.
Average	10	4	М	1.62	64	44	Average	10	9	М	1.75	**	**
July 1889	10 10 10 10	2 1 2 1	M M M M	1.50 1.58 1.83 2.00	44 66 64	64 64 64	Jan. 1891	10 10 10 10	2 1 1 3	M M M M	1. 50 1. 58 1. 75 2. 00	44 44	61 66 66
Average	10	6	M	1.701	44	#	Average	10	7	М	1.76	66	**
Jan. 1890	10 10 10	4 2 4	M M M	1.50 1.58 2.00	86 86	44 44	July 1891	10 10	1 2	M M	1.50 2.00	46	44
A.verage	10	10	м.	1.71	44	**	Average	10	3	М	1.83 1	44	4.

MACHINISTS' APPRENTICES.

						-					
Jan. 1845	11 11 11	4 1 5	M M M	.33 per day. .34 """ .42 """	Jan. 1847- conc'd.	11 11	1 6	M M	.75 .83	per	day.
	11	2 3 5	M	.50 " "	Average	11	21	M	. 60	6.6	4.6
	11 11	3 5	M	.58 " "	July 1847	11	6	м	. 42	46	44
	11	4	M	.75 " "	0 my 10#1	11	3	M	.50	44	44
	11	1	M	.83 ** **	1	11	1	M	. 58	**	6.6
Average	11	25	м	.541 " "	1	11	3	M	. 75 . 83	66	14
July 1845	11	4	м	.33 44 44	Average	11	14	м	. 56	- 11	61
	11	1	M	. 34 44 44	1						
ł	11 11	5	M	.42 " "	Jan. 1848	10 10	6	M	. 42	44	44
	11	2 3 5	M	.58 " "	ļ	10	3	M	. 50 . 83	44	45
1	11		M	. 67 44 44							
	11 11	1	M	.75 " "	Average	10	15	M	. 531	- 64	44
Average	11	25	м	.541 ** **	July 1848	10	6	м	. 42	46	86
Average	11	20	W	1049	,	10	6	M	.50	44	44
Jan. 1846	11	1	M	.34 ""		10 10	1	Ж	. 58	66	44
	11	1	M	.42 " "	1	10	2	M	. 83	••	••
	11 11	2 8 5 7	M	.45 ""	Average	10	15	м	. 514	44	44
	11	5	M	.58 " "					-		
	11		M	. 67 ""	Jan. 1849	10	3	М	. 42	14	66
	11	4	M	.75 " "		10	6	M	. 50	44	**
į	11 11	1	M M	.83 " "		10 10	8 1	M M	. 58	66	41
Average	11	33	м	.62 " "							
Avolago	11	0.0	181	.02	Average	10	13	M	. 52		**
July 1846	11	1	M	.34 " "	July 1849	10	1	м	. 42	**	**
1	11 11	8	M	.45 ** **	0 mry 1049	10	5	M	.50	44	14
	11	1	M	.50 " "	•	10	ž	M	. 58	44	**
+	11	8 5 1 2	м	.58 " "		10	1	M	. 92	64	44
1	11	1	M	. 67 14 14	Average	. 10	9	м	. 551		**
-	11 11	3 7	M M	.75 " "	Average	10	l a	,MID.	. 999		
).	11	7	TAT	.83 " "	Jan. 1850	10	2	м	.42	44	66
Average	11	28	M	.60 ** **	A WIT TOOL	10		M	.50	66	44
-						10	3 2 1	M	. 58	64	44
Jan. 1847	11 11	1	M M	. 34 11 11	1	10	2	М	. 67	44	86
	11	9 2 2	M	.58 ""		10	1	M	. 92	. **	••
J	11	2	M	.67 " "	Average	10	11	м	. 571	- 44	66
•		_					, ,				

METALS AND METALLIC GOODS: ESTABLISHMENT No. 62, NEW HAMPSHIRE—Continued.

MACHINISTS' APPRENTICES-Continued.

Payroli of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages		yroll of—	Hours per day.	Different employés.	Sex.	Rate	of 1	vages.
July 1850	10 10 10	1 3 3	M M M	\$0.42 .50 .58	per	day.	Ju	ly 1855	10 10	7 2	M	\$0, 50 . 58	per	day.
	10	ı	M	. 67	44	44	A	verage	10	9	М	. 52	44	44
	10 10	1	M	. 83	44	11	Ja	n. 1856	10 10	3 7	M M	.50	44	44
Average	10	10	M	. 61	**	** 6	l A	verage	10	10	M	. 551	6.6	44
Jan. 1851	10	4	M	.42	44	44	II.				15	. 50	1.	66
	10	$\frac{1}{3}$	M	. 43	46	44	Ju	ly 1856	* 10 * 10	1 4	M	. 58	4.6	6.4
	10	1	\mathbf{M}	. 58	66	44			10	i	M	. 75	14	44
	10	1	М	. 83		**	A	verage	10	6	M	. 591	••	46
Average	10	10	M	. 50	46	44	- 11	n. 1857	10	2	M	.50	**	4.6
July 1851	10	2	M	. 42	44	**	l va	11. 1001	10	3	M	.58	44	44
J	10	4 2	M	.50	44	66	-		10	2	М	. 75	**	**
		ļ	-	-		44		verage	. 10	7	M	. 601	46	6.4
Average	10	8	M	. 50			1	1 7055	15	6	м	. 50	44	66
Jan. 1852	10	4	M	. 42	44	44	10	ly 1857	10 10	3	M	.58	64	44
	10 10	4 3	M	.50	66		H		10	1	M.	. 75	**	6 6
	10	2	M	. 92	44	46		Average	10	10	М	. 55	**	4.6
Average	10	13	M.	. 56	- 66	44			'	1				
_			34	1	6.6	44	Ja	n. 1858	10 10	2 2	M	. 50	46	44
July 1852	10	3	M	. 42	44	64	1					_		44
	10	2	M	.58	44		1	Average	10	4	M	. 54	••	••
	10 10	1	M	. 83	44	4.6	Ju	ıly 1858	10	3	M	. 58	44	44
	10	1	М	. 92		- 44	H	-	10	1	M	. 75	_	
Average	10	12	M	. 56	31	- 66	1	Average	10	4	М	. 62		44
Jan. 1853	10	7	M		44		Ja	ın. 1859	10	1	М	. 50	44	
	10			. 50	64		-		10 10	2 2	M	.58		
	10		M	. 67	44	44			-		-	, 63		44
Average	e 10	15	M	. 50	- 44	66	4	Average	10	5	M	. 03		
_	1				41		Jı	aly 1859	10	1		.42	44	
July 1853	10				41	46	li	•	10	3		.50	64	
	10				44	6 66	li				_	_	1 11	44
Average	e 10	11	М	. 48		44	-	Averag	e 10	5	M	. 53	Ì	
Jan. 1854	10	. 7	M	. 42	41	4 44	J	an. 1860	10	2		.42		
• WII. 1001	10	2	M	. 50	41				10	2	M			
	10		M	. 67	41	4.4						-		
	10		,M	.75	6	6 46	-	Averag	e 10	5	M	.48	Ţ.	,
Averag	e 10	15	M	. 52		4 44	J	uly 1860	10					
July 1854				.42					10		-		-	
	10		M			1 44	- -	Averag	e 10	5	M	. 51	Ì	
	10	1	M	.67			J	an. 186	10					
	10			-	_				10					
A.verag	e 10	16	M	. 51	. '		1	A 21020 -			_		-	
Jan. 1855								Averag	e 10	`				
	1 10	7	M		١ ،	4 44	J	uly 186	1 10				,	4 44
	lic		i M	.75	4	4 44		•	10	1	2 M		_	-
Averag	e 10	15	3 M	. 51	<u>}</u> '	4 44	- 11	Averag	e 10	1 1	i 24	. 60	, ,	4 44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 62, NEW HAMPSHIRE—Continued.

MACHINISTS' APPRENTICES-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of 1	wages
Jan. 1862	10	2 3	M M	\$0. 50 . 75	per	day.	July 1868	10 10 10	2 2 1	M M M	\$0.62 .80 .89	per	day.
Average	10	5	М	. 65	64	44	Average		5		. 741		46
July 1862	10 10	2 1	M M	. 42	66	66	Jan. 1869	16	3	М	. 62	66	64
Average	10	3	М	. 441	**	44		10	2	M	. 89		"
Jan. 1863	10 10 10	2 2 1	M M M	. 42 . 58 . 75	64 44	44 46	July 1869	10 10 10	5 3 2	M M M	.73	44	44
			!			66		10	2	M	. 89	64	44
Average	10	5	M	55	44	44	Average	10	7	М	.72	**	**
July 1863	10	2 1	M M	. 50	44	**	Jan. 1870	10 10	4 2	M M	62		44
Average	10	3	M	. 521	4.6	46		10	ĭ	M	80	46	44
Jan. 1864	10 10	3	M M	. 50	66	44	Average	10	7	M	. 67	"	44
Average	10	1 5	M	. 69	44	44	July 1870	10 10 10	5 1 2	M M M	. 62 . 70 . 78	11	16 16
July 1864	10	1	м	.50			Average	10	8	M	. 67	**	44
0 ary 1002	10 10 10	1 2 1	M M M	.63 .71 .81	44	46 48	Jan. 1871	10 10	3 2	M M	. 62	"	16
Average	10	5	M	. 67	**	4.6		10	2	M	.78	**	44
Jan. 1865	10	1	М	. 72	6.6	44	Average	10	7	M	. 69	- **	44
	10 10	1	M	.80	66	· 66	July 1871	10	3	M	. 62	66	44
Average	10	3	м	. 801	"	44		10 10	1 2 1	M M M	. 67	44	64 66
July 1865	10 10	`3 1	. <u>M</u>	.80	44	4 C	Average	10	7	M	. 671		44
Average	• 10	4	м	. 82½	"	44	Jan. 1872	10	3	M	. 62	**	44
Jan. 1866	10 10 10	5 1 4	M M M	.72 .75 .80	66 66	44		10 10 10	1 1 2	M M M	. 67 . 70 . 78	**	55 65
Average	10	10	М	. 75	••	44	Average	10	7	M	. 681	44	44
July 1866	10 10 10	5 2 2	M M M	.72 .80 .89	66 64	44	July 1872 July 1873 Jan. 1874	10 10 10	4 1 2	M M M	. 62 . 62 . 62	114	44 48 44
Average	*10	9	М	.771		**	July 1874	10	1	M	. 62	16	44
Jan. 1867	10 10 10	4 4 3	M M M	.72 .80 .89	64 64	66 66	Average	10	3.	<u>М</u> - <u>М</u>	. 70	14	**
Average	10	11	M	. 791		44	Jan. 1875	10	1	м	62	14	44
July 1867	10	3	м	.72	44	46	1	10	2	M	. 70	44	"
	10 10	1	M	.80	44	46	Average	10	3	M	. 67	44	
Average	10	8	М	.78	"	**	July 1875	10 10	2 1	M M	.70 .78	61	11
Jan. 1868	10 10	5 1	M M	.80	44	66	Average	10	3	M	. 721	"	4.6
Average	10	6	м	,81		46	July 1876	10	1	м	. 78	44	**

METALS AND METALLIC GOODS: ESTABLISHMENT No. 62, NEW HAMPSHIRE—Continued.

MASTER MACHINISTS:

g													
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of 1	vages.
Jan. 1867 July 1867 Jan. 1868	10 10 10	2 2 1	M M M	\$3.00 3,00 3.00	66	day.	Jan. 1883	10 10 10	$\begin{array}{c}1\\1\\2\end{array}$	M M M	\$2,58 3,00 3,33	per	day.
July 1868 Jan. 1869	10	2 2	M	3.00	66	**	Average	10	4	м	3.06	64	44
July 1869 Jan. 1870 July 1870	10 10 10	1 1 1	M M M	3.00 3.00 3.00	44		July 1883	· 10	I 1	M M	2, 58 3, 00	44	**
Jan. 1871 July 1871	10	1	M	3.00	44	44		10	2	M.	3. 33	11	
Jan. 1872 July 1872	10 10	2 2 2	M	3.00 3.00	44	44	Average	10	4	M	3.06	64	44
Jan. 1873 July 1873	10 10	2 2 2	M	3.00	66	44 44	Jan. 1884	10 10	1 2	M	3.00	**	**
Jan. 1874 July 1874 Jan. 1875	10 10 10	2 2 2	M M M	3.00 3.00 3.00	16	44	Average	10	3	M	3. 22	14	44
July 1875 July 1876	10	2 1	M	3.00	44	44	July 1884	10 10	1 2	M	3.00 3.33	44	66
J an. 1879	10 10	2 2	M M	2.50 3.33	44	44	Average	. 10	3	М	3. 22	16	**
Average		4	M	2.91	44	44	Jan. 1885	10 10	I 1	M	3.00 3,25	66	44
July 1879	10	2 2	Ж	2.50	6 6 6 6	4.*	Average	-	2	м	3, 121		**
Average	10	4	M	3. 33 2. 91a	11	44	July 1885	10 10	1 1	M	3, 15 3, 25	44	41 64
Jan. 1880	10	ļ	м	2.50	44	44	Average	. 10	2	м	3, 20		44
	10	1 2	M	2. 58 3. 33	44	**	Jan. 1886	10	1 1	M	3, 20 3, 25	4.4 5.6	66 *
Average		4	M	2.93	66	44	Average	-	2	M	3. 221	64	44
July 1880	10 10 10	1 1 2	M M M	2, 50 2, 58 3, 33	44	66 68 64	July 1886	. 10 10	1 1	M M	3. 15 3. 20	44	64 64
Average	10	4	М	2. 931	**	4.4	Average	10	2	м	3. 171	**	66
Jan. 1881	10 10	1 1	M M	2.50 2.58	44 44	64 64	Jan. 1887	· 10	1	M M	3. 08 3. 20	66	46
Average	10	4	M	3. 33	44		Average	10	2	М	3.14	44	68
July 1881	10	1	м	2.50	44	44	July 1887	10	1 1	M	3, 08 3, 15	44	44
	10 10	1 2	M	2. 58 3. 33	66	44	Average	10	2	M	3. 111	"	64
Average	10	4	M	2. 93	11	44	Jan. 1888 July 1888	10 10	1 1	M	3, 08 3, 08	44	44
Jan. 1882	10 10 10	1 1 2	M M M	2, 50 2, 58 3, 33	66 66	66 66	Jan. 1389 July 1889 Jan. 1890	10 10 10	1 1 1	M M M	3. 08 3. 08 3. 00	44	**
Average		4	м	2. 931	. 6	66	July 1890 Jan. 1891	. 10 10 10	1	M M M	3.00 3.00 3.00	44	6 L 4 L
July 1882	10 10 10	$\begin{array}{c} 1 \\ 1 \\ 2 \end{array}$	M M M	2, 58 3, 00 3, 33	44 46 54	44 44	July 1891	-	•		5.00		
Average		4	м	3.06		44							

PATTERNMAKERS.

Jan. 1845 July 1845	11 11	1 M 1 M	1.00 per day. 1.00 '''	Jan. 1847	11 11	1 1	M M	1,00 1.25	per day.
Jan. 1846 July 1846	11 11	1 M 1 M	1. 08 " " 1. 25 " "	Average	11	2	м	1.12	44 44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 62, NEW HAMPSHIRE—Concluded.

PATTERNMAKERS-Concluded.

	_				1			(I				=		_	
Payroll of—	Hours per day.	Differe employ		Sex.	Rate	of v	wages.	Payrol of—	. I	Hours per day.	Different employés.	Sex.	Rate	of	wages.
July 1847	11 11 11		1 1 1	M M M	\$1.08 1.17 1.33	per "	day.	Jan. 185 July 185		10 10	1 1	M M	\$1.67 1.67	per	day.
Average	11		3	M	1. 191	44	**	Jan. 188	57	10 10	1 1	M M	1.50 1.67	4.4 6.6	44
J an. 1848	10 10		1	M M	1.17 1.50	44	64 64	Avera	ge	10	2	М	1.581	11	"
Average	10		2	M	1.331	**	**	July 185	57	10 10	1 1	M M	1.50 1.67	"	14 15
July 1848	10 10		1	M M	1. 17 1. 50	44	66	Avera	ge	10	2	M	1. 581		46
Average	10		2	M	1. 331	44	**	Jan. 185 July 185 Jan. 185	58	10 10 10	1 1	M	1. 67 1. 42	44	44
Jan. 1849	10 10		1	M M	1.17 1.50	64	46	July 185 Jan. 186	59	10 10 10	1 1 1	M M M	1, 42 1, 67 1, 67	44 44	66 66
Average	10		2	м	1. 331	••	44	July 186	61	10 10 10	1 1	M	1. 67 1. 58	44	66 65
July 1849 Jan. 1850	10 10		1 2	M M	1.25 1.25	44	44	July 186 July 186 July 186	62	10 10 10	1 1 1	M M M	1.58 1.50 1.50	66	66
July 1850 Jan. 1851	10 10		1	M M	1. 25 1. 25	44	64	Jan. 186 July 186	64	10 10	ī 1	M	2.00	64	64 46
July 1851	10		ī	M	1.33	4.6	44	July 186	65	10	1	M	2.00	••	46
Jan. 1852	10 10		1	M M	1.33 1.75	44	64 64	Jan. 186 July 186 Jan. 186	66 67 .	10 10 10	1 1 1 1	M M M	2.50 3.00 3.00	66	46
Average	10		2	м	1.54	44	44	July 186 Jan. 186	88	10 10	1 1	M	3.00 3.00	11	14
July 1852	10		1	M	1.75	44	44	July 186 Jan. 186		10	1	M M	3,00	64	44
Jan. 1853 July 1853	10		1	М	1.33	66	66	July 186	69	10	1	M	3.00	64	44
Jan. 1854	10 10		1	M	1.50	44	44	Jan. 187 July 187		10	1 1	M M	3.00	11	46
July 1854	10		1	M	1.67	44	44	Jan. 187		10	î	M	3.00	**	44
Jan. 1855 July 1855	10 10		1	M	1.67	44	11	July 187	71	10	1	M	3.00	**	46
n cri N 10ñ9	70		1	M	1. 67	••	••	Jan. 187	(2):	10	17	М	3.00	**	44

WOODWORKERS.

July 1846 Jan. 1847 Jan. 1848	11 11 10	1 1 1	M M M	.83 1.00 .83	per	day.	July 1854	. 10 . 10	1 1	M M	1.38 1.50	per 	day.
July 1848 Jan. 1849	10	î	M	.92	66	44	Average	10	2	M	1.44	**	**
July 1849	10	l î	M	.92	46	44	Jan. 1855	10	1 1	M	1.33	64	44
Jan. 1850	10	1	M	. 92	4.6	84	July 1855	10	Î	M	1.33	44	14
July 1850	10	1	M	. 92	44	4.4	Jan. 1856	10	i i	M	1. 33	6.6	44
Jan. 1851	10	1	M	. 92	44	44	July 1856	10	l ī	M	1.33	4.6	1.5
	1						Jan. 1857	10	Ī	м	1, 33	6.6	44
J uly 1851	10	1	M	1.00	6.6	44	July 1857	10	1	M	1, 33	6.6	4.6
	_10	1	M	1.42	6.6	44	Jan. 1858	10	1	M	1.53	**	44
4			1-25	-			July 1858	10	1	M	1.17	44	4.4
≜ verage	10	2	M	1.21	84	••	Jan. 1859	10	1	М	1.17	64	44
Jan. 1852	10	Ι,	м	1 00	44	44	July 1859	10	1	M	1.25	44	41
July 1852	10	1	M	1.00	66	44				۱			
0 uly 1652	10	1	TEL.	1.00		••	Jan. 1860	10	1	М	1.25	44	16
Jan. 1853	10	1	M	1. 17	44	41	!	10	1	\mathbf{M}	1.50	••	••
O 111. 1000	10	î	M	1.50	6.6	66	A			3.5	7 051	41	44
				1.00			Average	10	2	M	1.371	•••	••
Average	10	2	M	1.331	44	44	July 1860	10	1	M	1.50		4.6
July 1853	10	1	M	1.25	64	44	Jan. 1862	10	1	\mathbf{M}	1.25	4.4	4.6
	10	ī	M	1.50	6.6	8.6	July 1862	10	1	M	1.25	44	11
							Jan. 1863	10	1	M	1.67	4.6	14
A.verage	10	2	\mathbf{M}	1.375	6.6	44	July 1863	10	1	M	1.83	66	44
Jan. 1854	10	1	М	1. 25	44	44	Jan. 1864	10	1	M	1.50	44	46
1003	10	2	M	1.50	66	44	July 1864	10	1	M	1.83	68	
				1.00			Jan. 1865	10	1	M	2.25	44	"
Average	10	3	M	1.411	44	41	Jan. 1866 July 1868	10	+1	M	2.17	46	11
			_	~- 329			0 tily 1008	10	1	М	2. 50	••	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 63. NEW HAMPSHIRE.

						CARPE	ENTERS.						
Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1872 July 1872 Jan. 1873 July 1873 July 1873 July 1874 Jan. 1875 July 1875 July 1875 July 1876 July 1877 July 1879 July 1879 July 1879 July 1879 July 1880 July 1880 July 1880 July 1880 July 1880 July 1880 July 1880 July 1880 July 1880 July 1880	12 12 12 12 12 12 12 12 12 12 12 12 12 1	111111111111111111111111111111111111111	M M M M M M M M M M M M M M M M M M M	\$2. 25 2. 20 20 20 20 20 20 20 20 20 20 20 20 20 2	PPOT 14 14 14 14 14 14 14 14 14 14 14 14 14	day.	Jan. 1882 July 1882 Jan. 1883 July 1883 Jan. 1884 July 1884 Jan. 1885 July 1886 Jan. 1886 July 1886 July 1887 July 1888 July 1888 July 1888 July 1888 July 1889 July 1889 July 1890 July 1890	12 12 12 12 12 12 12 12 12 12 10 10 10 10 10 10	111111111111111111111111111111111111111	M M M M M M M M M M M M M M M M M M M	\$2. 00 2. 00	per	day.
				-		COREM	IAKERS.						
Jan. 1872	12 12	2 1 1	M M M	1.00 1.26	per	day.	Jan. 1875	12 12	1 1	M M	1.00 1.50	per	day.
Average	12	4	М	. 931	44	"	Average July 1875	12	2 2	M	1. 25 . 75	44	44
July 1872	12 12 12	1 1 1	M M M	. 75 1. 25 1. 50	66	"	Average	12	3	M	1.50		
Average Jan. 1873	 	3	M	1. 16½ 1. 00	44	"	Jan. 1876 Jan. 1877 July 1877 Jan. 1878	12 12 12 12	1 1 1 1	M M M M	.75 .75 .75 .75	66 66	64 64
	12 12	1	M M	1. 25 1. 50	66	46	July 1878	12 12	1	M	1.00 2.00	44.	**
Average July 1873	12	3	M	1.25	44	44	Average Jan. 1888	12	2	M	1.50	46	**
y aty 1070	12 12	1 1	M	1. 25 1. 50	44	11	Average	10	2	M	1. 50		**
Average		4	M	1.06	44	44	July 1888	10 10	1 1	M M	1, 25 1, 50	44	66
Jan. 1874	12 12	1	M	1. 37 1. 50	66	66	Average	10	2	M	1. 37	•	44
Average		1	M	1.431	44	44	Jan. 1889 July 1889 Jan. 1890	10 10 10	1 1 1	M M M	1.50 1.50 1.50	44	66 66
July 1874	12	1 1	M	1, 50	44	44	July 1890 Jan. 1891 July 1891	10	1 1	M M M	1.75 1.75 1.75	44	44
	1			1		DRE	SSERS.	<u> </u>		l			
	1		1	1	- 7		1	1	1.7		1 50	20.00	n dorr
Jan. 1872	12	15	M	1.50 1.62	- "	r day.	Jan. 1873	12	15 9 1 2	M M M M	1. 50 1. 62 1. 67 1. 75	pe	r day.
Average	12	17	M	1.51	44	4.6		12]2	M	1. 13		

12

 $12 \\ 12 \\ 12$

M M 1. 25 1. 50 **1. 62**

Average

July 1873

1.50 1.62 1.67 1.75

24 M 1.531

Average

July 1872

12

19 3 1 1 М М М М

METALS AND METALLIC GOODS: ESTABLISHMENT Ño. 63, NEW HAMPSHIRE—Continued.

DRESSERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of	wages.
July 1873- conc'd.	12 12	1	M M	\$1.67 2.00	per	day.	Jan. 1879	12 12 12	8 3 1	M M M	\$1.00 1.17 1.35	per	day.
Average	12	22	M	1.52½	**	**	Average	12	12		1.07	6.6	"
Jan. 1874	12 12 12 12 12	10 3 1 1	M M M M	1.50 1.62 1.67 2.00	44	66	July 1879	12 12 12 12	4 2 2 1	M M M M	1.00 1.10_ 1.17 1.27	**	66 66 61
Average	1	15	M	1.57	14	4.6		12	1	М	1.35	**	
July 1874	12 12	13 4	M	1.50 1.62	44	44	Average Jan. 1880	12	10	M	1.111	"	**
Average	12	17	М	1.53	66	64		12 12	2 3	M	1. 10 1. 25	"	64
Jan. 1875	12 12 12	9 3 1	M M M	1.50 1.62 1.75	64 64 66	66 66		12 12	1	M	1, 27 1, 40	46	44
Average	12	13	М	1.541	44	66	Average	12	10	M	1.16	**	44
July 1875	12 12 12 12 12	1 1 14 3 1	M M M M	1.00 1.25 1.50 1.62 2.00	66 64 64	** ** **	July 1880	12 12 12 12 12 12	3 1 4 1 1	M M M M	1. 00 1. 10 1. 25 1. 35 1. 40	44 44	66 66 66
	12	î	M.	2.50	41	**	Average	12	10	M	1. 184	44	
Average	12	21	М	1. 55½	44	**	Jan. 1881	12 12	1 1	M	1, 10 1, 15	66	44
Jan. 1876	12 12 12 12 12	5 4 1 1	M M M M	1.35 1.50 1.60 2.00	66 66 66	66 66		12 12 12 12 12 12	2 1 1 3	M M M M	1. 20 1. 25 1. 30 1. 35 1. 40	16 66 66	64 64 64
Average	12	11	M	1.48	44	**	Average	12	10	м	1. 261	41	44
July 1876	12 12 12 12	6 2 3 1	M M M M	1. 25 1. 35 1. 40 1. 50	64 64 66	66 66	July 1881	12 12 12 12	1 2 1	M M M	1, 15 1, 20 1, 30 1, 35	"	46 66 66,
Average	12	12	М	1. 32		**		12 12	4 1 1	M M M	1. 40 1. 50	**	66
Jan. 1877	12 12	2 5	M	1.00 1.25	44	44	Average	12	10	м	1.311		44
	12 12 12	1 3 1	M M M	1. 35 1. 40 1. 50	66	**	Jan. 1882	12 12 12	1 2 2	M M M	1. 20 1. 25 1. 35	6.6 6.6	66 66
Average	12	12	M	1, 271	44	**		12 12	3	Л Ж	1. 40 1. 45	11	44
July 1877	12 12	15 1	M M	1. 25 1. 35	66	44		12	1	<u>M</u>	1.50	**	**
	• 12 • 12	$\frac{2}{1}$	M	1.40 1.50	4.6	**	Average	12	10	М	1.35½	64	**
Average	12	19	М	1. 281	**	64	July 1882	12 12 12	1 1 1	M M M	1. 20 1. 25 1. 30	11	44
Jan. 1878	12 12 12	5 3 1	M M M	1.00 1.17 1.35	16 61	41 41		12 12 12 12	2 2 2 1	M M M M	1. 35 1. 40 1. 45 1. 55	44 44 44	66 66 64
Average	12	. 9	М	1.09	**	44	Average	12	10	M	1.37		4.4
July 1878	12 12 12	$\begin{bmatrix} 7 \\ 2 \\ 1 \end{bmatrix}$	M M M	1. 00 1. 17 1. 35	66	6 6 6 8	Jan. 1883	12 12	1 1	M M	1. 20 ¬ 1. 30	16	64 64
Average	12	10	М	1.07	**	44		12 12	3	M M	1.35 1.40	44	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 63, NEW HAMPSHIRE—Continued.

DRESSERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1883- cone'd.	12 12	2 1	M M	\$1.45 1.50	per	day.	Jan. 1887- cone'd.	10 10	3	M M	\$1.55 1.60	per	day.
Average	12	10	M	1.38	64	**	Average	10	9	M	1. 491	44	44
July. 1883	12 12	1	M M	1. 25 1. 30	44	44	July 1887	10 10	1 2	M M	1.40 1.45	44	44
•	12	1	M	1.35	6.6	44		10	3	M	1.50	4.6	4.4
	12 12	2 3	M	1.40	66	44		10 10	1 1	M	1.55 1.60	66	44
	12 12	1 1	M	1.50 1.55	44	**	Average	10	8	M	1.491	4.6	44
Average	12	10	М	1.41	16	44	Jan. 1888	10 10	8 3	M M	1. 25 1. 35	14	46, ~
Jan. 1884	12 12	1 1	M	1.30 1.35	44	44		10 10	2	M	1.40	64	44
mag.	12	1 2	M	1.40	14	44	li	10	3	M	1. 50	4.6	44
	12 12	3	M	1.45	4.4	4.6	Average	10	17	M	1, 34	"	44
	12	1	_ 71	1.60	44	14	July 1888	10	8	M	1. 25	44	44
Average	12	. 19	M	1.45	. 44	64		10 10	3	M	1.35	34 44	44
July 1884	12 12	2	M	1.35 1.40	44	66		10 10	1 3	M	1.45 1.50	66	66
	12	2 2	M	1.45		44	A				1. 831	46	
	12 12	1 1	M	1.50 1.60	"	44	Average	1	16	M	~	44	44
Average	12	8	M	1.45		44	Jan. 1889	10 10	2 3	M. M.	1. 25 ° 1. 35	66	**
Jan. 1885	12	2	м	1.35	44	44		10 10	1 2	M	1. 45 1. 50	1	**
•	12 12	2 3	M	1.45	14	44	Average	10	8	M	1. 37	4.6	44
	12	i	M	1.50 1.60	44	44	July 1889	10	2	м	1. 25	64	4.6
Average	12	8	M	1.46		6.6	5 thy 1005	10 10	3	M	1.35		66
July 1885	12	1 1	м	1.40	61	44		10	2	M	1.50	**	**
bury 1005	12	1 3	M	1.45	4 4 5 5	44	Average	10	8	М	1.371	4.4	44
	12	1	М	1.55	44	44	Jan. 1890	10	4	M	1. 25	44	+ 6
	12	1	М	1. 60				10 10	3 3	M	1.35 1.50	44	44
Average	12	7	M	1.50	44	44	A word go		10	M	1.351	"	4.6
Jan. 1886	12	1	M	1.40	46	44	Average		4	M	1. 25	44	44
	12 12	1 3	M	1.45		4.6	July 1890	10 10	3	M	1.35	44	44
	12 12	1 1	M	1.55 1.60	44	44		10	3	М	1.50		
Average		7	M	1.50	- 16	44	Average	. 10	10	M	1.351	**	44
Average	12	'	1	1.50			Jan. 1891	10	3 2	M M	1, 25 1, 35	, 11	44
July 1886	12 12	1	M	1.35 1.40	44	46		. 10	3	M		4 66	44
,	12	2	M	1.45	64	44		10		M			64
	12 12	1 2	M	1.50	- 44	44	Average		9	M	1. 41		
	12	1	M	1.60			July 1891	10 10	2	M	1. 25 1. 35	44	
Average		8	M	1.48	46	44	,	10 10	3	M M	1. 50 1. 72 1. 75	46	4.4
Jan. 1887	10 10	1 3	M	1.35	44	64 64		10	1	М			
	. 10	i	M	1. 50	44	64	Average	10	8	М	1. 47	•	••

METALS AND METALLIC GOODS: ESTABLISHMENT No. 63, NEW HAMPSHIRE—Continued.

ENGINEERS.

				ENGIA	(EERS.				
Payroll of—	Hours per ,day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1872 July 1872 July 1873 July 1873 July 1873 July 1874 July 1875 July 1875 July 1876 July 1876 July 1877 July 1878 July 1878 July 1878 July 1878 July 1879 July 1879 July 1880 July 1880 July 1880 July 1880 July 1880	12 12 12 12 12 12 12 12 12 12 12 12 12 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M M M M M M M M	\$1.65 per day. 1.70 " " 1.75 " " 1.80 " " 1.80 " " 1.80 " " 1.80 " " 1.75 " " 1.50 " " 1.65 " " 1.65 " " 1.65 " "	Jan. 1882 July 1882 Jan. 1883 Jan. 1884 July 1884 July 1885 July 1885 July 1886 July 1886 July 1887 July 1887 July 1888 July 1888 July 1888 July 1888 July 1889 Jan. 1890 July 1899 Jan. 1890	12 12 12 12 12 12 12 12 12 12 10 10 10 10 10	111111111111111111111111111111111111111	M M M M M M M M M M M M M M M M M M	\$1.65 per day. 1.65 "" 1.65 "" 1.65 "" 1.65 "" 1.65 "" 1.70 "" 1.70 "" 1.75 ""
-		·		FOREMEN, C	OREMAKE	RS.			
Jan. 1872 July 1872 July 1873 July 1873 July 1874 July 1874 July 1875 July 1875 July 1875 July 1876 July 1878 July 1878 July 1878 July 1879 July 1879 July 1879 July 1879 July 1879 July 1879 July 1879 July 1880 July 1880	12 12 12 12	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M M M M M M M M	3. 00 per day, 3. 00 " " 3. 00 " " 3. 00 " " 3. 00 " " 3. 00 " " 3. 00 " " 4" 2. 75 " " 4" 4" 2. 75 " " 4" 4" 4. 75 " " 4" 4. 75 " " 4" 4. 75 " " 4" 4. 75 " " 4" 4. 75 " " 4" 4. 75 " " 4" 4. 75 " " 4" 4. 75 " " 4" 4. 75 " " 4" 4. 75 " " 4. 4" 4. 75 " " 4. 4" 4. 75 " " 4. 4" 4. 75 " " 4. 4" 4. 75 " " 4. 4" 4.	Jan. 1882 July 1882 Jan. 1883 July 1883 Jan. 1884 July 1885 July 1885 July 1885 Jan. 1880 Jan. 1887 July 1888 Jan. 1899 July 1888 Jan. 1899 July 1889 July 1889 July 1889 Jan. 1890 July 1890	12 12 12 12 12 12 12 12 12 10 10 10 10 10 10	111111111111111111111111111111111111111	M M M M M M M M M M M M M M M M M M M	2.75 per day, 2.75 " "
				FOREMEN	, melter	S.			
Jan. 1872 July 1872 July 1872 July 1873 July 1873 July 1873 July 1874 July 1874 July 1876 July 1877 July 1877 July 1877 July 1877 July 1878 July 1881 July 1881 July 1881	12 12 12 12 12 12 12 12 12 12	111111111111111111111111111111111111111	M M M M M M M M M M M M M M M M	2.50 per day. 2.50 " " 2.50 " " 2.50 " " 2.50 " " 2.50 " " 2.50 " " 2.50 " " 2.50 " " 2.50 " " 2.50 " " 2.25 " "	Jan. 1882 July 1882 Jan. 1893 July 1883 July 1883 July 1885 July 1885 July 1885 July 1887 July 1887 July 1887 July 1888 July 1889 July 1889 July 1889 July 1889 July 1890 July 1890	12 12 12 12 12 12 12 12 12 12 10 10 10 10 10 10	111111111111111111111111111111111111111	M M M M M M M M M M M M M M M M M M M	2. 25 per day. 2. 25 " " 2. 25 " " 2. 25 " " 2. 25 " " 2. 25 " " 2. 20 " " 2. 00 " " 3. 00 " " 4. 02 " " 4. 03 " " 4. 04 " " 4. 05 " " 4. 06 " " 4. 07 " " 4. 08 " " 4. 09 " " 4. 00 " 4. 00 " " 4. 00 " " 4. 00 " " 4. 00 " " 4. 00 " " 4. 00 " " 4.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 63, NEW HAMPSHIRE—Continued.

FOREMEN, MOULDERS.

Payroll of	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of	Hours per day.	Different employés.		Rate	of v	wages
Jan. 1872	12 12	1	М	\$3.00 5.00	per	day.	Jan. 1884 July 1884	12 12	1 1	M M	\$2.50 ³	per	day.
							Jan. 1885	12	1	M	2.50	11	4.4
Average	12	2	M	4.00	+4	51	July 1865	12	1	M	2, 50		4.4
July 1872	12	1	м	3, 00	46	16	Jan. 1886 July 1886	12 12	1	М	2.50	4.6	44
ошу 1016	12	î	N.	5. 00	44	44	Jan. 1887	10	1	M	2, 50	16	44
							July 1887	10	î	M	2, 50	1.6	66
Average	12	2	М	4.00	8.6	4.0	Jan. 1888	10	1	M	2, 50	16	6.6
							July 1888	10	1	M	2.59	4.6	64
Jan. 1873	12	1	М	3.00	44	44	Jan. 1-89	10	1	M	2.50	4.6	64
July 1873	12 12	1	M	3.00	44	16	July 1889	10	I	M	2.50	4.6	4.6
Jan. 1874 July 1874	12	1	M	3.00	46	44	Jan. 1890	10	1	м	2, 50	44	44
Jan. 1875	12	î	M	3.00	44	44	9 am. 1650	10	î	M	3, 50	4.6	14
Inly 1875	12	ī	M	2.50	6.6	44	'	- 10			0.00		
Jan. 1876	12	1	M	2. 25	6.6	4.4	Average	10	2	M	3.00	6.6	44
July 1876	12	1	M	2.50	66	44			_				
Jan. 1877	12	1	M	2.50 2.50	64	66	July 1890	10	1	M	2.50	44	44
July 1877 Jan. 1878	12 12	1 1	M	2.50	64	44	ŀ	10	1	M	3, 50	**	••
July 1878	12	1	M	2.50	44	44	Average	10		м	3, 00	6.6	65
Jan. 1879	12	î	M	2.50	64	6.6	11. orașo	^-	-	***	0.00		
July 1879	12	1	M	2.50	64	66	Jan. 1891	10	1	M	2.50	4.6	68
an. 1880	12	1	М	2.50	44	44		10	1	M	3.50	6.6	44
July 1880	12	1	Ж	2.50	44	44		" 10		3.0	0.00	66	66
Jan. 1881 July 1881	12 12	1 1	M	2.50	66	11	Average	10	2	М	3.00		
July 1882	12	1	M	2.50	44	11	July 1891	10	1	м	2, 50	6.6	44
July 1882	12	î	M	2. 50	64	44	0 41, 1001	10	i	M	3.50	4.6	44
Jan. 1883	12	ĩ	M	2. 50	6.6	46				_			
July 1883	1.2	1	M	2.50	6.6	44	Average	10	2	M	3.00	4.6	6.6

MELTERS.

Jan. 1872	12 12 12 12	6 1 1 1	M M M	1. 50 1. 62 2. 00 3. 00	per	day.	Jan. 1875	12 12 12	1 1 1	M M M	1.50 1.90 3.00	per "	day.
Average	!!	9	м	1. 731	64	44	Average	12	3	М	2. 131		44
July 1872	12 12 12 12	6 1 1	M M M	1. 50 1. 62 2. 00 3. 00	66 66	56 66 65	July 1875	12 12 12	1. 1 1	M M M	1.50 1.90 3.00	6.6 6.6	16 16 16
Average		9	M	1.734		46"	Average	12	3	М	2. 13 1	44	**
Jan. 1873	12 12 12	2 1 1	M M M	1.50 1.62 2.00	66 64	44 46 48	Jan. 1876	12 12 12	2 I 1	M M M	1. 35 1. 80 2. 50	64 64	44
	12	1	M	3.00	**	44	Average	12	4	М	1.75	44	66
Average July 1873	12 12	5 3 1	M M M	1.923 1.50 1.90	44	46	July 1876	12 12 12	1 I I	M M M	1. 25 1. 90 2. 50	44	6 6 6 6
	12 12	1	M M	2.09 3.00	64	44	Average	12	3	м	1.881	44	**
Average Jan. 1874	12 12 12	6 3 1	M M	1.90 1.50 3.00	.i	**	Jan. 1877	12 12 12	1 1 1	M M M	1. 25 1. 90 2. 50	46	66 66
Average	12	4	M	1. 871	"	**	Average	12	3	М	1.881	66	16
July 1874	12 12 12	2 1 1	M M M	1.50 1.90 3.00	64 64	**	July 1877	12 12 12	2 1 1	M M M	1. 25 1. 90 2. 50	66 66	1 6 6 66
Average	12	4	М	1. 97	44	44	Average	12	4	М	1.721	44	46

METALS AND METALLIC GOODS: ESTABLISHMENT No. 63, NEW HAMPSHIRE—Continued.

MELTERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	e of	wage
Jan. 1878	12 12 12	/ 1 1 1	л л л	\$1.00 1.90 2.50	per	r day. "	Jan. 1554	12 13	1 1	M	\$1. 60 1. 90		day.
Average	12	3	M	1.80	44	44	Average		2	Ж	1.75	44	
July 1878	12 12	1 1	Ж	1.00 L 90	66	6 6 6 6	July 1554	12	1	М	1.60 1.90	- 44	16
	12	1	M	2.50	- 46	44	Average	12	2	М	1.75	6.6	"
Average	12	3	М	1.80	66	44	Jan. 1885	12 12	1	M	1.60 1.90	46	44
Jan. 1879	12 12 12	1	М	1.00	46	46	Average	12	2	М	1.75	66	46
	12	1	<u>л</u> л	1. 90 2. 00	44	44	July 1885	12 12	1 ¹	M M	1.65	5.6 2.5	11
Average	12	4	M	.1.60	11	46	Average	12	2	м_	1.72%		68
July 1879	12 12 12	1 1 1	M M M	1. 00 1. 50 1. 90	6 6 6 6	46 46	Jan. 1886	12 12	1	M M	1.65 1.80	1.8	65 66
		1	M	2.00	44	4.6	Average	12	2	М	1.72	64	5.0
Average Jan. 1880	12 12	1	л л	1. 60 1. 00	44	**	July 1886	12 12	1	M M	1.70 1.80	. 6	11
	12 12	1	л Л	1.50 1.85	66 66	66 66	Average		2	м	1. 75	64	44
Average	12		<u>л</u> л	2.00 1.58	44	44	Jan. 1887 July 1887	10 10	2 2	M M	1,75 1,75	4.E	66
July 1830	12	1	м	1.00	44	66	Jan. 1888	10	2	м	1. 25	44	41
	12 1 12 1 12	1 1 1	M M	1.50 1.85 2.00	44	66 66		10	2	М	1.75		44 44
A.verage	12	4	M	1.581	66	44	Average July 1888	10	2	M M	1. 50 1. 25	11	"
Jan. 1881	12	1	м	1.00	44	41		10	2	М	1.75	4.6	**
	12 12 12	1 1 1	М М	1.50 1.85 2.00	44 44	66 66	Average	10	4	M	1.50	**	44
Average	12 1	4	M	1.581	14	64	Jan. 1889	10 10	2 2	M M	1. 35 1. 75	66	46
July 1881	12 12	1	M	1. 10	66	**	Average	10	4	М	1.55	**	44
	12	1	M	1. 50 1. 85	44	44	July 1889	10 10	2 2	M M	1.40 1.75	44	11
Average	12.	3	М	1.48	4.6	44	Average	10	4	M	1.574	44	44
Jan. 1882	12 12	1 1	M M	1.50 1.85	44	44	Jan. 1890	10	2	M	1.50	64	44
Average	12	2	M	1.671	**	**	0 411: 1000	10	2	M	1.75	41	44
July 1882	12 12	1	M	1.50 1.85	6.6 4.6	64 64	Average	10	4	М	1.621	E C	44
Average	12		M	1.67	44	46	July 1890	10	2 2	M M	1.50 1.75	44	44
Гап. 1883	12 12	1 1	M M	1. 50 1. 85	44	46	Average	10	4	М	1,621	44	44
Average	,12	2	м	1. 671	84	**	Jan. 1891	10 10	1 2	M	1. 50 1. 75	66	44
Tuly 1883	12 12	1 1	M M	1. 60 1. 85	44	44 84	Average	10	3	м	1. 661	14	44
Average	12	2	M	1.724	**	**	July 1891	10	2	M	1. 75	44	64

METALS AND METALLIC GOODS: ESTABLISHMENT No. 63, NEW HAMPSHIRE—Continued.

MOULDERS.

Payroll of -	Hours per day.	Different employés	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	e of v	wage
Jan. 1872	12	15	M	\$1.00	per	day.	July 1873-	12	1	M	\$3. 33	per	day.
	12 12	3 9	M	1. 25 1. 37	11	44	cone'd.	12 12	1	M M	3. 50 3. 80		16
,	12 12	9	M	1. 50 1. 62	66	11	Average	12	49	М	2. 00	4.6	46
	12 12	11	M	1.75 2.00	44	44	Jan. 1874	12	2	м	1. 25	44	46
	12 12	2 1	M	2. 15 2. 17	6.6	66		12 · 12	5	M	1.37	4.6	
	12	1	M	2. 20	66	44	1	12	1 1 3 2 4 1	M	1.62	44	16
	12 12	8 3	M	2, 25 2, 50	44	66	ll .	12 ·	1 1	M	1.65 1.70		44
	12	4	M	3.00	4.6	44	1	12	3	\mathbf{M}	1.75	4,6	11
	12 13	1 1	M	3, 33 3, 45	66	"	1	12 12	2	M	1.90 2.00	14	11
	12	1	\mathbf{M}	3.50	**	44		12	i	M	2.06	8.8	66
	12	1	M	4.00	64	**	İ	12	1	M	2. 15 2. 20	11	11
Average	12	75	M	1.81	44	44	11	12 12	5	M	2. 25		44
_	ì	1		1 00		64		12	1 5 2 3	M	2.50 3.00	66	46
uly 1872	12 12	13	M	1,00 1,25	44	44		12 12	1	M	3.33		6.6
	12	8	M	1.37	44	66	[]	12	1	M	3.50 4.08	44	44
	12 12	8 2	M	1. 50 1. 62	44	16		12	1	M			
	12 12	2	M	1.75	44	46	Average	12	40	M	2.04		"
	12	8	\mathbf{M}	2.00	44	**	July 1874	12	1	М	1. 25	44	66
	12	1 2	M	2.15	2.0	66	1	12 12	2	M	1.37 1.45	14	4.6
	12 12	9	M	2. 20 2. 25	6.6	44	1	12	1 4	M	1.50	6.6	6.6
	12	7	M	2.50	11	"		12 12	1 3	M	1. 62 1. 87	44	46
	12 12	1	M	3, 00	6.6	66	[]	12.	1 3	M	1.90	4.4	4.6
	12	1	M	3. 50	66	66	li .	12 12	4	M	2.00 2.15	66	4.6
	12 12	1 1	M	3.60	41	**		12.	2	M	2. 20		14
			-	. 		44	H	12	5	M	2. 25 2. 50		44
Average	12	70	M	1.89	**	**		12 12	4 1 2 5 3 2 1	M	3.00	- 6 6	**
Jan. 1873	12	7	M M	1.00	44	44	i	`12	1	M	3. 33 3. 50	16	46
	12 12	1 5	M	1. 25 1. 37	66	44		12	1	M		_	
	12	4	M	1. 50	6.6	44	Average	12	34	M	2.06	14	44
	12 12	1	M	1, 62 1, 75	41	44					1 07		46
	12	1	M	1.90	44	6.6	Jan. 1875	12 12	2 5	M	1.37	44	66
	12	7	M	2.00	66	46	l	12	4	M	1.62	44	64
	12 12	1 1	M M	2. 15 2. 17	**	6.6	li .	12 12	2	M	1.75	44	64
	12	2	M	2. 20	66	44		12.	2 1 3 2	M.	1.90	44	66
	12 12	10	M	2. 25	4.6	46		12 12	2	M	2.00 2.15	66	11
	12	3	M	2.50	66	16		12	1 1 4	M	2.20	6.6	6.6
	12 12	1 4	M	3. 00	61	44		12	4	M	2.25	44	14
	12	1	M	3.50	"	**		12 12	1	M	2.58	**	4.4
A	12	51	M	1.961		4.6	l	12	1 1 1 2	M	2. 75 3. 00	66	46
Average	i		1	1 7				12 12	1	M	3, 33	4.4	46
July 1873	12	1 1	M	1.00 1.25	44	44		12	1	M.	3.50	- "	
	12	7	M	1.37	. 66	44	Average	12	32	м	2.05	- 1 **	44
	12	9	M	1. 50 1. 62	64	46		7				_	
	12 12		M	1.65	66	4.6	July 1875	12	1	M	1.37	66	66
	12	1 2 2	M	1.75	44	46		12	6	M	1.50 1.62		44
	12 12	7	M	1.90 2.00	66	44		12 12	1	M	1,70		16
	12	7	M	2. 15	44	44		12 12	1 1 4 5	M	1.75 1.87		44
	12 12	1 5 1	M	2. 20	66	44		12	4	M	1.90	44	44
	12	1	M	2.37	66	66		12 12	5	M M	2.00 2.25		45
	12 12	3	M	2. 50 3. 00	44	44	11	12		M	2,50	44	86

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW HAMPSHIRE—Continued.

MOULDERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of -	Hours per day.	Different employés.	Sex.	Rate	of	₩ages
July 1875- cone'd.	12 12	1 1	M M	\$2.75 3.33	per	day.	Jan. 1879- conc'd.	12 12 12	6 3 4	M M M	\$1,90 2,00 2,50	61	day.
Average		27	M	1. 97	44	44		12	1	M	3.00	41	**
Jan. 1876	12 12	1 3	M	1. 25 1. 70	44	**	Average	12	16	М	2.08	44	14
	12 12	4 3	M	1.80 1.90	**	44	July 1879	12 12	1 1	M	1. 25 1. 87	44	16
	12 12	1 4	M	2, 10 2, 25	44	44		12 12	6 2	M	1.90 2.00	44	64 44
	12 12	1 1	M M	2.77	44	44		12 12	4	M	2.50 3.00	66 66	44
Average	12	18		2.021	**	44	Average	12	15	м	2. 10	"	44
July 1876	12	1	M	1. 25	64	**	Jan. 1880	12	1	м	1. 25	46	46
_	12 12	1 1	M	1.75 1.87	44	66		12 12	1 5	M	1.87 1.90	44	66
	- 12	3	M	1.90	64	44		12	5 I	M	1.95	44	44
	12 12	1	M	2.00	66	66		12 12	2	M	2.00	66	11
	12	1 1	M	2, 25	44	4.6		12	1	M	2.50 3.00	44	16
	12 12	4 1	M	2.50 3.33	46	44	Average	12	15	M	2. 103	44	44
Average	12	14	M	2.16	64	44	July 1880	12	1	м	1.25	46	"
Jan. 1877	12	2	м	1. 25	66	44		12	1 4	M	1.85 1.90	16	44
	12	. 3	M	1.75	64	44		12	4	M	2.00	44	4.4 E4
	12 12	1 1	M	1.80	66	46		12 12	4 1	M	2.50 3.00	-66	61
	12	2	M	1.90	44	66							44
	12 12	1 1	M	2.00	44		Average	12	15	М	2. 11	**	**
	12	4	M	2.50	44	66	Jan. 1881	12	1	M	1.25	4.6	44
	12	1	M	3. 33	**	**	J 2001	12	2 3	\mathbf{M}	1.85	66	66
Average	12	16	М	2.05	44	**		12 12	2	M	1.90 2.00	44	44
July 1877	12	3	м	1.25	4.6	44		12 12	4 1	M	2.50 3.00	14	46
	12 12	1	M	1.74	14	44		12	1	TAT	5.00		
	12	1 6	M	1.87	6.6	44	Average	12	13	M	2, 12	4.6	44
	12 12	2'	M	2.00	14	44	T 1 1001			3.5		66	44
	12	4	M	2. 25 2. 50	64	"	July 1881	12 12	1 2	M	1.35 1.85	44	44
	12	1	М	3. 33	6.6	44		12	3	M	1.90	66	66
Average	12	19	м	2. 02	44	"		12 12	3 4	M	2.00	16	66
Jan. 1878	12 12	2	M	1.00	6 4	44		12	1	M	3.00	66	
	12	1	M	1.60 1.70	16	66	Average	12	14	М	2. 121		
	12 12	1	M	1.87	64	44	Jan. 1882	12	1	M	1, 35	+ 6	44
	12	3 2	M	1.90 2.00	44	16		12	3	M	1,85	44	44
	12 12	4	M	2.50 3.33	66	44		12 12	2 4	M M	1.90 2.00	4.6	44
Average	12	15	M	2.014	**	.*		12 12	1	M	2.50 3.00	14	**
July 1878	12	3	м	1.00	44	44	Average	12	15	м	2.111	44	44
	12	1	M	1.58	44	66					-		
	12 12	2 3	· M M	1.87	44	66	July 1882	12	1	M	1.35	44	H .
	12	2	M	1.90 2.00	64	44		12 12	3 2	M	1.85 1.90	**	44
	12 12	4	M	2.50	66	86		12	1	M	1. 95	66	44
	.12	1	M	3.00	••	••		12 12	2 1	M M	2.00 2.10	44	64
Average	12	16	М	1.94	44	86		12	, 1	M	2.50 3.00	44	44
Jan. 1879	12	1	M	1.00	66	81	11				1 .		

METALS AND METALLIC GOODS: ESTABLISHMENT No. 63, NEW HAMPSHIRE—Continued.

MOULDERS-Continued.

			<u> </u>			11	-	l		1			
Payroll of	Hours per day.	Different en ployés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.
Jan. 1883	12 12 12 12 12 12 12 12 12	1 3 1 2 1 1 1	M M M M M M M	\$1, 35 1, 85 1, 90 1, 95 2, 00 2, 10 2, 50 3, 00	per	day.	Jan. 1886	12 12 12 12 12 12 12 12 12 12	1 1 2 2 1 1 1 4	M M M M M M M	\$1, 60 1, 75 1, 80 1, 85 1, 95 2, 10 2, 20 2, 50 3, 00	per	day.
Average	12	14	M	2, 13	44	**	Average	12	14	M	2.131	t t	**
July 1883	12 12 12 12 12 12 12 12 12	1 3 2 1 1 1 1 1 1 1 1	M M M M M M M	1.40 1.85 1.90 1.95 2.00 2.10 2.50 3.00	66 66 66 66 66 66 66 66 66 66 66 66 66	44 44 44 44 44 44	July 1886	12 12 12 12 12 12 12 12	1 1 2 2 1 1 1	M M M M M M	1. 60 1. 75 1. 80 1. 85 1. 95 2. 00 2. 10 2. 15	64 64 64 64 64 64 64	46 66 68 68 68 64 64 65
Average	12	14	M	2.13				12 12	1	M	2.50 3.00	15	44
Jan. 1884	12 12	1 1	M	1.40 1.75	44	66	Average	12	15	M	2. 12½	44	**
	12 12 12 12 12 12 12 12	2 1 1 2 1 4 1	M M M M M M M	1. 85 1. 90 1. 95 2. 00 2. 10 2. 50 3. 00	66 66 66 66 66	66 65 66 66 66 61	Jan. 1887	10 10 10 10 10 10 10 10	1 1 3 1 2 1 3 1 3	M M M M M M	1.70 1.75 1.80 1.85 2.00 2.10 2.50 2.75	66 66 61 61 61	66 61 61 61 64 66
Average	12	15	M	2. 11	84	**		10	ī	M	3.00	**	t t
July 1884	12 12 12 12 12 12 12 12 12 12	1 1 2 2 1 1 1 1 4	M M M M M M M M M	1. 45 1. 75 1. 85 1. 90 1. 95 2. 00 2. 05 2. 10 2. 50 3. 00	64 66 66 66 66 64 64 64 64	61 61 61 62 63 64 64 66 66	Average July 1887	10 10 10 10 10 10 10 10 10 10	14 1 3 1 1 2 1 3 1 1 3 1	M M M M M M M M	2. 14½ 1. 70 1. 75 1. 80 1. 85 2. 00 2. 05 2. 50 2. 75 3. 00		66 66 66 66 66 66 66 66 66
Average	12	15	М	2.12	44	44	Average	-	14	M	2. 131	11	11
Jan. 1865	12 12 12 12 12 12 12 12 12 12	1 1 1 1 2 1 1 1 1	M M M M M M M M	1.50 1.75 1.80 1.85 1.90 1.95 2.00 2.05 2.50	44 44 44 44 44 44 44 44	66 66 66 66 66 66 65 66 66 66	Jan. 1888	10 10 10 10 10 10 10 10 10	8 1 11 1 11 3 3	- M M M M M M M	1. 25 1. 40 1. 50 1. 65 1. 75 2. 00 2. 50 2. 92	6 E E E E E E E E E E E E E E E E E E E	14 44 44 44 46 46 46
	12	1	М	3,00		14	Average	10	39	M	1.67	6.6	4.6
Average	12 12 12 12 12 12	1 1 2 1 1	M M M M M M M	2. 12 1. 50 1. 75 1. 80 1. 85 1. 90 1. 95 2. 00	66 66 66 66	1 C C C C C C C C C C C C C C C C C C C	July 1888	10 10 10 10 10 10 10	7 1 10 1 9 2 3 1	M M M M M M M	1. 25 1. 40 1. 50 1. 65 1. 75 2. 00 2. 50 2. 92	66 66 68 48 64 64	66 64 64 64 64 64 64
1	12 12 12	1 1	M	2.10	44	4 E	Average		34	М	1. 67		16
Average	12 12	4	M	2. 50 3. 00 2. 12 1	44 44	44	Jan. 1889	10 10 10 10	1 5 1 1	M M M M	1. 25 1. 50 1. 55 1. 65	16 16	16 16 46
		9, pt. 2		-73					ł				

METALS AND METALLIC GOODS: ESTABLISHMENT No. 63, NEW HAMPSHIRE—Continued.

MOULDERS-Concluded.

Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of w	ages.		Payroll, of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.
Jan. 1889- conc'd.	10 10 10 10	1 7 2 3	M M M M	\$1,70 1,75 2,00 2,50	per	day.		July 1890	10 10 10 10	2 1 5 2	M M M	\$1.25 1.35 1.50 1.65	per	day.
Average	10	21	М	1. 78		64			10 10 10 10	9 1 2 3	M M M M	1.75 1.87 2.00 2.50	16	64 64 64
July 1889	10 10 10	1 1 6 1	M M M	1. 25 1. 35 1. 50 1. 65	64 66	66		Average	10	25 1	M	1.75 1.25	64 64	"
	10 10 10	1 7 2 3	M M M M	1.70 1.75 2.00 2.50	64 64 65	64 46 46		5 1211 1001	10 10 10 10	6 3 9	M M M M	1.50 1.65 1.75	14	11
Average		22	M	1.76	- "	44			10 10	1 3 3	M M	1.87 2.00 2.50	44	44
Jan . 1890	10 10	1 3	M M	1. 25 1. 35	" 46	46		Average July 1891		26 1	M	1.78 1.25	"	11
	10 10 10		M M M		64 64	44			10 10 10	4 2 11	M M M	1. 50 1. 65 1. 75	11	11
	10 10 10	2	M M M	1.87 2.00 2.50		**			10 10 10	1 2 3	M M M	1.87 2.00 2.50	41 41	11
Average	e 10	26	M	1.74	•••	46	_	Average	10	24	М	1.80	ø:	11 -

TEAMSTERS.

							11			1			
Jan. 1872	12	1	M	1.50	per	day.	Jan. 1882	12	1	M	1.35	per	day.
July 1872	12	1	M	1.50	- 11	44	July 1882	12	1	\mathbf{M}	1.40	- 61	41
Jan. 1873	12	1	\mathbf{M}	1.50	1.6	64	Jan. 1883	12	1	M	1.40		14
July 1873	12	1	M	1.50	4.6	44	July 1883	12	1	M	1.45		44
Jan. 1874	12	1	M	1, 50	4.6	16	Jan. 1884	12	1	\mathbf{M}	1.45	13	41
July 1874	12	1	M	1.50	4.4	4.6	July 1884	12	1	M	1.50	6.6	**
Jan. 1875	12	1	M	1.50	4.6	11	Jan. 1885	12	1	M	1.50		
July 1875	12	1	M	.1.50	4.4	44	July 1885	12	1	M	1.50	1.6	44
Jan. 1876	12	1	M	1.50	64	66	Jan. 1886	13	1	\mathbf{M}	1.50	t r	**
July 1876	12	1	M	1.50	4.6	6.6	July 1856	12	1	M	1.50	11	(t
Jan. 1877	12	1	M	1, 50	- 11	44	Jan. 1887	10	1	M	1.50	**	{ L
July 1877	12	1	M	1.50	4.6	86	July 1887	10	4	M	1.50		**
Jan. 1878	12	1	M	1.50	**	44	Jan. 1888	10	1	M	1.50	1.6	44
July 1878	12	i i	M	1,50	4.4	44	July 1888	10	1	M	1.50	4.6	**
Jan. 1879	12	ĩ	M	1.45	4.6	44	Jan. 1889	10	1	M.	1.65	11	11
July 1879	12	1	M	1.45	4.6	1.6	July 1889	10	1	M	1.65	- (1	66
Jan. 1880	12	ī	M	1.45	8.6	44	Jan. 1890	10	1	M	1.75		**
July 1880	12	1	M	1.40	4.6	6.0	July 1890	10	1	M	1.75	11	44
Jan. 1881	12	ī	M	1.40	4.6	44 ,	Jan. 1891	10	1	M	1.75		44
July 1881	12	īl	M	1.40	- 66	6.6	July 1891	10	1	M	1.75	11	11
		-						- 1			1		

WATCHMEN.

	_										
Jan. 1873 July 1873 Jan. 1874 July 1874 Jan. 1875 July 1875 Jan. 1876 Jan. 1876 July 1876 Jan. 1877 July 1878 July 1878 July 1878	12 12 12 12 12 12 12 12 12 12 12 12 12 1	1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M	1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50	per day.	Jan. 1879 July 1879 Jan. 1880 July 1880 Jan. 1881 July 1881 Jan. 1882 July 1883 July 1883 July 1883 July 1884	12 12 12 12 12 12 12 12 12 12 12 12 12 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M	1. 35 1. 35 1. 35 1. 35 1. 35 1. 35 1. 35 1. 35 1. 35 1. 35 1. 35	per (44 44 44 44 44 44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 63, NEW HAMPSHIRE—Concluded.

WATCHMEN-Concluded.

Payroll Borner of da	mplovés	Sex.	Rate o	f wages.	Payroli of	Hours per day.	Different employés.	Sex.	Rate	of wages.
July 1885 Jan. 1886 July 1886 Jan. 1887 July 1887	2 1 2 1 2 2 1 2 1 0 1 0 1	M M M M M M M	1. 25 1. 25 1. 25 1. 25 1. 25	er day.	July 1888 Jan. 1889 July 1889 Jan. 1890 July 1890 Jan. 1891 July 1891	10 10 10 10 10 10 10	1 1 1 1 1	M M M M M M	\$1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25	per day,

METALS AND METALLIC GOODS: ESTABLISHMENT No. 64, NEW JERSEY.

BLACKSMITHS.

July 1864	10 10	1 2	M M	2. 25 3. 00	per	day.	Jan. 1870	10 10	1 1	M M	3.00 3.12½	per	day.
Average	10	3	M	2.75	"	**	Average	10	2	М	3.061	"	1.6
Jan. 1865	10 10	3 2	M M	2. 25 3. 00	44 44	64	July 1870	10	2 1	M M	3, 00 3, 12½	46	66
Average	10	5	M	2. 55	44	44	Average	10	3	M	3.04	44	4.6
July 1865	10 10	1	M M	2. 37½ 3. 12½	44	66	Jan. 1871	10 10	1 1	M M	3.00 3.12½	4.6	44
							Average	10	2	M	$3.06\frac{1}{2}$	64	44
Average	10	2	М	2.75	44	64	July 1871	10	1	M		444	
Jan. 1866	10	2	M	2.75	44	64		10	$\frac{2}{1}$	M	3.00	66	44
	10	1 1	M	2.87± 3.00	66	66	1	10	1	TAIL	$3.12\frac{1}{2}$,	
	10	i	М	3, 25	4.6	**	Average	10	4	M	2.931	14	44
Average		5	M M	2. 92½ 2. 75	66	44	Jan. 1872	10 10 10	1 2 1	M M M	2.62± 3.00 3.12±	44	44 44
July 1866	10 10	1	M	2.87		44	ll I						
:,	10	î	M	3. 25	44	4.6	Average	10	4	M	2. 931	44	**
Average	10	3	М	2, 96	"	44	July 1872	10 10	1	M M	$2.62\frac{1}{2}$ 2.75	66	66 66
Jan. 1867	10	1	M	2.75	66	44	-	10	2 2	M	3.00	46	44
	10	1	M	2.87	46	44		10	2	TAT	3. Z0		
	10	1	M	3. 25		64	Average	10	6	М	2.98	4.6	44
Average	10	3	M	2, 96			Јап. 1873	10	, 1	M	2.621	64	44
July 1867	10	1	м	2.75	4.6	4.6		10	1	M	2.75	44	44
	10	1 1	M	2.87	64	44		10 10	1 1	M	$2.87\frac{1}{2}$ 3.00	4.6	11
`	10	1	M	3. 25		•		10	i	M	8. 25	14	"
Average	10	3	М	2.96	"	44	Average	10	5	M	2.90	6.6	44
Jan. 1868	10	1	M	2.75	**	44	T 1 4000	10	1	M	2.75	6.6	
	10	1	M	2.871	"	46	July 1873	10 10	i	M	2.87*	44	44
	10	1		3. 25				10	i	M	3. 25	4.6	44
Average	10	3	M	2.96	**	**	Average	10	3	М	2.96	66	44
July 1868.	10	1	M	2.75	44	44	T 1054	10	1	м	8, 25	44	44
1	10	1	M	2.873		44	Jan. 1874	10	'	,	3. 20		
	10	1	M	3, 00			July 1874	10	1	M	2.871	44	46
Average	10	3	M	2.87	**			10	1	_M	3. 25	66	46
Jan. 1869	10	1	M	2.75	44	44	Average	10	2	M	3.061	44	44
	10	1	M	2.87	"	4.6	Top 1975	10	1 1	м	2.871	46	66
Average	10	2	<u>M</u>	2.81	"	44	Jan. 1875	10	î	M	3. 25	44	46
July 1869	10	2	M	2.87	"	**	Average	10	2	M	3.06	46	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 64, NEW JERSEY—Continued.

BLACKSMITHS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages
July 1875	. 10 10	3 1	M M	\$2.87 <u>1</u> 3.25	per	day.	July 1882	10 10 10	2 1 1	M M M	\$2.50 · 2.75 3.00	per	day.
Average	10	4	М	2. 97	**	44	Average	10	4	M	2.68	**	64
Jan. 1876	10	1	М	2.871	66	44					_	iı	
July 1876	10 10	1 1	M M	2.50 2.60	66	46	Jan. 1883	10	1 1	M M	2.50 3.00	11	**
Average	10	2	M	2. 55	**	44"	Average	10	2	M	2.75	6.6	44
Jan. 1877	10 10	2 1	M M	2.50 2.60	46	66	July 1883	10 10	· 1	M M	2.50 3.00	41	"
Average	10	3	M	2.531	44	**	Average	`10	2	M	2.75	11	**
July 1877	10 10	1 1	M M	2. 60 2. 75	44	44	Jan. 1884	10 10	1 1	M M	2.50 3.00	. 64 14	44
Average	10	2	M	2.671	44	61	Average	10	2	м	2.75	44	п
Jan. 1878	10 10	1 1	M M	2.30. 2.60	41	66	July 1884	10 10	1	M M	2.75 3.00	14	"
Average	10	2	M	2.45	66	66	Average	10	9	м	2.871		ш
July 1878	10	1	M	2.60	44	ř,	Jan. 1885	10	2	м	2.75	11	44
Jan. 1879	10 10 10	1 1 1	M M M	2. 25 2. 35 2. 60	66	44 44 64	Average	10	3	M	3.00 2.834	14	"
Average	10	3	M	2. 40	44	44	July 1885	10	2	м	2.75		44
July 1879	10	1	M	2. 25	u	44	Ů	10	1	М	3.00	66	**
	10 10	1 1	M	2. 35 2. 60	44	44	Average	10	3	M	2.831	16	44
Average	10	3	M	2.40		44	Jan. 1886	10	1	M	3.00	"	II.
Jan. 1880	10 10	1 1	M M	2.35 2.60	44	44	July 1886	10 10	1	M	2.75 3.00	46	44
Average	10	2	M	2.47	46	44	Average		2	M	2.871	, 11	"
July 1880	10 10	1 1	M M	2.00 2.60	44	66 46	Jan. 1887 July 1887	10 10	1	M	3.00 3.00	66	64
Average	10	2	M	2.30	66	41	Jan. 1888	10 10	1 1	M	2.75 3.00	**	44
Jan. 1881	10	I	М	2.00	"	44	Average	10	2	М	2.87		44
	10	1	M	2. 50 2. 75	**	"	July 1888	10 10	1 1	M M	2.75 3.00	11	£\$
Average	10	3	M	2.413	"	16	Average	10	2	M	2.871		**
July 1881	10 10	1 1	M	2.00 2.50	66	44	Jan. 1889	10	1	м	3.00	41	**
Average	10	1	M	2.75	46	**	July 1889	10	1	M	2.75	44	"
Jan. 1882	10	3	M	2.41	**		A	10	1	M	3.00		46
vall, 1002	10 10	1 2	M	2. 25	66		Average	10	2	M	2.871	-	
	10 10	1 1	M	2.75 2.873	44	"	Jan. 1890 July 1890	10 10	1	M	2.75	14	· a
Average	10	5	M	2.57		"	Jan. 1891 July 1891	10 10	1 1	M	3.00	- 11	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 64, NEW JERSEY—Continued.

BLACKSMITHS' HELPERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ager.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
fuly 1864	10 10 10	2 1 3	M M M	\$1.75 1.87½ 2.00	per	day.	July 1881	10 10	3 1	M M	\$1.50 1.75	per	day.
Auronogo	10	6	M	1.891	44	14	Average	10	4	M	$1.56\frac{1}{2}$	**	44
Average Jan. 1865	10	2	м	1.75	**		Jan. 1882	10 10	1	M	1.50 1.75	**	44
ан. 1000	10 10	1 3	M	1.87± 2.00	14	44	Average	10	2	м	1. 621	4.6	14
Average	10	6	М	1.891	44	44	July 1882	10	1	м	1, 50	46	44
July 1865	10	1	М	2.00	44	44		10 10	2	M	1.65 1.85	44	44
lan. 1866 July 1866	10 10	5	M	2,00	11 11	44	A verage	10	4	M	1.66½	**	**
Jan. 1867 July 1867	10 10	2 2	M	2.00	"	44	Jan. 1883	10 10	1 1	M	1.65 1.85	44	44
Jan. 1868 July 1868	10 10 10	3 2 2	M M M	2.00 2.00 2.00	44	46	Average	10	2	M	1. 75	44	**
Jan. 1869 July 1869 Jan. 1870	10	3 3	M	2.00	44	44	July 1883	10	1	M	1, 65		**
July 1870 Jan. 1871	10	3	M	2.00	44	44	o ary root	10	1	M	1.85		44
July 1871	10	1	м	1.871	44	66	Average	1	2	M	1.75	41	44
,	10	2	М	2.00		56	Jan. 1884	10 10	1	M M	1, 65 1, 85	16	44
Average	f	3	M	1.96	44	**	Average	10	2	М	1.75	••	44
Jan. 1872 July 1872	10 10	3	M	2.00 2.00	**	14 16	July 1884	10	1 1	M	1. 65 1. 85	**	44
Jan. 1873 July 1873	10 10	2	M M M	2.00	**	**	Average	10	2	M	1, 75	**	**
Jan. 1874 Indu 1974	10	2	M	2.00 1.87		**	Jan. 1885	10	2	м	1, 65	44	**
July 1874	10	1	M	2.00	44	66	0 44. 1000	10	1	M	1.85	- 44	44
Average	10	2	M	1.93	44	**	Average	1	3	М	1,71		**
Jan. 1875 July 1875		1	M	2.00	44	44	July 1885	10	2	M M	1. 65 1. 85	8.6	**
Jan. 1876	10		M	2.00	6.6	44	Average	10	3	M	1.71	"	44
July 1876	10		M	1.50 2.00	64	66	Jan. 1886	10 10	1	M	1. 65 1. 85	16	**
Average	10	3	M	1.66	* **	44	Average	10	2	М	1.75	**	**
Jan. 1877 July 1877	10 10		M M	1.50 1.50	61 46	16 11	July 1886	10 10		M	1. 65 1. 85	46	68 66
Jan. 1878	10 10			1. 37 1. 50		44	Average			М	1.75	**	46
Average		-	_	1. 43		46	Jan. 1887 July 1887 Jan. 1888	10 10 10	1	M M M	1.85 1.85 1.85	44	44
T1 1070			1	1. 50	14	44	July 1888 Jan. 1889	10	2	M	1.85 1.85	14	44
July 1878 Jan. 1879		$\begin{vmatrix} 1 & 1 \\ 1 & 2 \end{vmatrix}$	M	1.50	44	44	July 1889	10	1	M	1.85	44	44
July 1879	10	3	M	1.50	44	44	Jan. 1890			M M	1.85 1.85		
Jan. 1880	10	1 3	M.	1.50 1.50	44	15	July 1890 Jan. 1891		1	M	1.85	4.6	44
July 1880 Jan. 1881					44	11	July 1891			M	1.85	44	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 64, NEW JERSEY—Continued.

ENGINEERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	e of v	wages
T) 1084	10	1	м	\$2.00	20.02	day.	Jan. 1877	10	1	M M	\$2.00	ner	day.
July 1864 Jan. 1865	10	1 1	M	2.00	Per	umy.	July 1877	10	î	M	2.00	Por	uay.
July 1865	10	l i	M	2.00	44	44	Jan. 1878	10	î	M	2.00	4+	6.6
July 1605	10	-	TAT.	2.00			July 1878	10	î	M	2,00	4.6	4.4
Tan. 1866	10	1	м	2.00	44	66	Jan. 1879	10	î	M	2,00	6.6	4.6
Jan. 1000	10	l î	M	2.50	46	44	July 1879	10	ī	M	2.00	66	4.6
		i	141	2. 50			Jan. 1880	10	î	M	2.00	6.6	6.6
Average	10	2	M	2, 25	64	66	July 1880	10	l ī	M	2.00		1.4
AL FOLIAGO	10	-		2.20			Jan. 1881	10	1	M	2.00	1.1	4.6
July 1866	10	2	м	2.50	66	46	July 1881	10	l ī	M	2.00	6.6	6.6
Jan. 1867	10	ĩ	M	2.50	4.6	44	Jan. 1882	10	Ī	M	2.00	4.6	6.6
Tuly 1367	10	l î	M	2.50	6.6	4.6	July 1882	10	ī	M	2.00	36	4.6
Jan. 1868	10	Î	M	2.50	46	86	Jan. 1883	10	l ī	M	2.00	6.6	6.6
July 1868	10	î	M	2,50	6.6	6.6	July 1883	10	l ī	M	2.00	11	6.6
Jan. 1869	10	1	M	2.50	44	6.6	Jan. 1884	10	1	M	2.00	46	4.6
July 1869	10	ī	M	2, 50	46	6.6	July 1884	10	ī	M	2.00	4.6	4.4
Jan. 1870	10	l i	M	2.50	44	44	Jan. 1885	10	Ī	M	2.00	61	6.4
July 1870	10	ī	M	2.50	6.6	44	July 1885	10	1	M	2.00	4.6	1.4
Jan. 1871	10	î	M	2, 50	6.6	46	Jan. 1886	10	ī	M	2.00	6.6	4.6
July 1871	10	ì	M ·	2.50	6.6	66	July 1886	10	1	M	2.00	6.4	6.4
Jan. 1872	10	l ī	M	2, 50	6.6	44	Jan. 1887	10	1	M	2.00	6.4	4.4
July 1872	10	l î	M	2, 50	44	44	July 1887	10	1 1	M	2.00	6.4	44
Jan. 1873	10	ī	M	2.50	6.6	44	Jan. 1888	10	ī	м	2.00	6.6	4.5
July 1873	10	1	M	2.50	6.6	44	July 1888		1	M	2.00	6.4	4.4
Jan. 1874	10	ī	M	2, 50	6.6	66	Jan. 1889	10	ī	M	2.00	4,6	4.4
July 1874	10	ī	M	2.50	44	66	July 1889	10	ī	M	2 00	4.4	44
Jan. 1875	10	l î	M	2.50	6.6	66	Jan. 1890	îŏ	î	M	2.00	44	44
July 1875	10	l î.	M	2.50		44	July 1890	10	î	M	2.00	44	44
Tan. 1876	10	l î	M	2.50	8.6	44	Jan. 1891	10	l ī	M	2.00	6.6	4.6
July 1876	10	î	M	2.50	44	44	July 1891	10	ī	M	2.00	44,	4.6

LABORERS.

											_	
Jan. 1865 Jan. 1866	10 10	1 2	M	1.10	ay.	July 1873- conc'd.	10 10	1 2	M	1.87½ 2.00	per (day.
July 1866 Jan. 1867	10 10	$\frac{2}{2}$	M	1. 10	• •	A.verage	10	4	M	1.901	4.6	44
July 1867	10	2	M		44	A.verage	10	-	212	1. 302		
Jan. 1868	10	ī	M		44	Jan. 1874	10	1	M	2.00	4.6	44
July 1868	10	1	М		44	July 1874	10	ī	M	1.871	4.6	86
						Jan. 1875	10	2	M	1.87	16	46
Jan. 1869	10	1	M	1. 10	46					_		
	10	1	M	1.871	**	July 1875	10	I	M	1.871	**	44
	10		3.0	1 011		i	10	1	M	2.00	**	**
Average	10	2	M	1.81	44		7.0		3.0	1 001		
July 1869	. 10	1	M	1.871 **	44	Average	10	2	M	1.931		••
9 HIY 1003	, 10		784	1.01		Jan. 1876	10	1	м	1.75		44
Jan. 1870	10	1	м	1.75 ** *	44	July 1876	10	i	M	1.75	16	44
Dun. 2010	10	î	M		44	Jan. 1877	10	î	M	1. 75	6.6	44
						July 1877	10	ī	M	1.75	64	4.6
Average	10	2	M	1.871 44	44	Jan. 1878	10	ī	M	1.75	6.4	4.6
٠,				_		July 1878	10	1	M	1.75	4.6	44
July 1870	10	1	\mathbf{M}	1.75 44	46	l _ `						
J, 2010	10	ī	M		66	Jan. 1879	10	2	M	1.40	44	66
	10	$\frac{1}{2}$	$\overline{\mathbf{M}}$	2.00	44	1	10	1	M	1.75	**	••
						Average	10	3	м	1.51		44
Average	10	4	M	1.901 **	44	Average	10	Ð		1.01		
						July 1879	10	4	M	1.50	6.6	64
Jan. 1871	10	1	M		44	3 3	10	î	M	1.75	44	6.6
July 1871	10	2 2	M		•							
Jan. 1872	10		M	2,00	4	Average	10	5	M	1.55	4.4	44
July 1872	10	4	M	2.00 44	16		1					66
						Jan. 1880	10	3	M	1.50	44	44
Jan. 1873	10	1	M	1.75 44	44		10	1	M	1.75		••
	10	1	M	Troug	94	A	10		м	1 501	66	44
	10	2	M	2.00	44	Average	10	4	M	1.561		
A	10		7.6	1 901 44 4	44	July 1880	10	3	M	1.50	46	44
A.verage	10	4	M	1.901 44	••	50., 1000	10	ĭ	M	1.75	6.6	64
T 1 1055		_							-			
July 1873	10	1	M	1.75 "	44	Average	10	4	M	1.561	**	64

METALS AND METALLIC GOODS: ESTABLISHMENT No. 64, NEW JERSEY—Continued.

LABORERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1881	10 10	3 1	M	\$1.50 1.75	per	day.	July 1886	10 10	. 1	M M	\$1.50 2.00	per	day.
Average	10	+	M	1.561	**	1.6	Average	10	5	M	1,60	4.6	**
July 1881	10 10	3 1	M M	1.50 1.75	44	**	Jan. 1587	10 10	3 1	M M	1.50 2.00	4.6	5 & 4 &
Average	10	4	M	1.561	1.6	44	Average	10	4	M	1.62½	6.6	**
Jan. 1882	10 10	2 1	M M	1.50 1.75	1.6	**	July 1887	10 10	3 1	M M	1 50 2.00	44	4.6
Average	10	3	М	1.581	4.4	**	Average	10	4	M	1. 621	44	4.4
July 1882	10 10	1	M M	1.50 1.75	14	44	Jan. 1888	10 10	2 1	M M	1.50 2.00	16	46
Average	10	3	М	1.58	++	44	Average	10	3	M	1.663	4.6	6.4
Jan. 1883	10 10	2	M M	1. 50 1. 75	46	46	July 1888	10 10	3 1	M M	1.50 2.00	16	**
Average	10	3	M	1,58	44	44	Average	10	4	M	1, 623	66	54
July 1883	10 10	2 1	М	1.50		44 44 61	Jan. 1889	10 10	1	M M	1.50 2.00	44	
	10	1	M	2.00 1.68k			Average	10	2	М	1.75	64	66
Average	İ	2	M	1.50	44		July 1889	10	2	M M	1.50 2.00	46	66
Jan. 1884	10 10 10	1 1	M M	1. 75 2. 00	4.5	**	Average		8	M	1.661	. **	••
Average	10	4	M	1.68	٠.	44	Jan. 1890	10 10	2	M	1.50	11	44
July 1884	10 10 10	2 1 1	M M M	1.50 1.75 2.00	11	6 6 6 5	Average	·	3	М	1.66		44
Average		4	-	1. 681	. "	**	July 1890	10 10 10	1 1 1	M M M	1. 50 1. 75 2. 25	(6 4 6	44
Jan. 1885	10 10	5		1.50 2.00	**	**	Average	7 7.0	3	м	1. 83	"	46
Average	10	6	М	1.58		44	Jan. 1891	10	1	M	1.50 1.75	66	6.6
July 1885	10 10			1.50 2.00	6.	44	Average	10	1	M	2. 25 1. 838	- "	44
Average	10	6	м	1, 58	· "	**	July 1891			1	1.50	44	4.4
Jan. 1886	10 10			1.50 2.00	44	44	9 uly 1891	10	1	M	1.75 2.25		46
Average	10	5	M	1. 60		4.6	Averag	e 10	3	M	1.83	ł "	66

MACHINISTS.

July 1864 Average	10 10 10 10 10 10 10	1 1 1 1 1 1 3	M M M M M M	2. 12½ 2. 37½ 2. 50 2. 62½ 2. 65 2. 75 3. 00 2. 67	per day.	Jan. 1865	10 10 10 10 10 10 10	1 1 1 1 2 1 3	M M M M M M	2. 12½ 2. 37½ 2. 50 2. 62½ 2. 75 2. 87⅓ 3. 00	perday	7.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 64, NEW JERSEY—Continued.

Payroll Port									<u>.</u>				_		_
10		per		Sex.	Rate	of w	ages.		per	рипетець	Sex.	Rate	of v	vages	
Average	July 1865	10 10 10	1 3 2	M M M	2. 62½ 2. 75 3. 00	44	46	Jan. 1870	10 10	1 5	M M	2. 75	44	44	`,
Jan. 1866	A vergge		ļ			4.6	44	Average	10	8	М	2.841	41	"	
Average	-	10 10 10	1 1 3	M M M	2, 50 2, 621 2, 75	44	46	July 1870	10 10	2 4	M	2.75 2.87½	66	44	
July 1866 10 2 M 2.50 10 2 M 2.75 10 4 M 2.87 10 1 M 3.00 10 1 M 3.00 10 1 M 3.00 <						4.4	4.6	Average	10	11	M	2.84		**	
July 1866 10 2 M 2,575 1 10 1 M 2,575 1 1 10 1 M 3,257 1 1 10 1 M 2,575 1 1 10 1 M 3,257 1 1 10 1 M 2,575 1 1 10 2 M 2,575 1 1 10 3 M 2,575 1 1 10 3 M 2,575 1 1 10 3 M 2,575 1 1 10 3 M 2,575 1 1 10 3	Average	10	9	M	2.72	44	66	Jan. 1871				2.621			
Average 10	July 1866	10 10	2	M	2.75 2.871	44	"		10 10	4	M	2, 87½ 3, 00	**	44	
Average 10 8 M 2.83 " " 10 1 M 2.75 " " " 10 1 M 2.87 " " " 10 1 M 3.00 " " " 10 1 M 3.00 " " " 10 1 M 3.00 " " 10 1 M 3.00 " " 10 1 M 3.00 " " 10 1 M 3.00 " " 10 1 M 3.00 " " 10 1 M 3.00 " " 10 1 M 3.00 " " 10 1 M 3.02 "					3. 12½ 3. 25				·	ĺ		-			
Jan. 1867 10 1 M 2.83½ Average 10 10 M 2.88½								July 1871	10 10	Î 4	M	2.75	£ 6	44	
10	Jan. 1867	10	1	M	2.624	44	44	Average					16	66	
Average 10 9 M 2.83		10 10	2 1	M	2.87½ 3.12½	44	44 65	_ "	,10 10	2 2 5	M	2.75 2.871 3.00	: 6	"	
July 1867 10 3 M 2.62½ July 1872 10 2 M 2.75 July 1872 10 2 M 2.75 July 1872 10 3 M 2.87½ 10 1 M 3.00 10 4 M 2.87½ 10 4 M 2.87½ <td>Average</td> <td>10</td> <td>9</td> <td>M</td> <td>2.831</td> <td>4.6</td> <td>46</td> <td></td> <td></td> <td>1</td> <td>М.</td> <td>3. 12½</td> <td></td> <td></td> <td></td>	Average	10	9	M	2.831	4.6	46			1	М.	3. 12½			
Jan. 1868 10 1 M 2.50 Jan. 1873 10 3 M 2.75 10 2 M 2.87½ 10 3 M 2.87½ 10 5 M 3.00 10 5 M 3.00	July 1867	10 10 10	4 2 1	M M M	2.75 2.87 3.12	44 44	66 66		10 10 10	2 3 4	M M M	2.75 2.871 3.00	**	44 44	
Jan. 1868 10 1 M 2.50 II M 2.60 II M 2.60 II II M 2.60 II M 2.60 II II M 2.62 II II II M 2.62 II II II M 3.00 II II M 3.00 II M 3.00 II M 3.00 II M 3.00 II M 3.00 II M 3.00 II II M 3.00 II II M 2.91 II II M 2.91 II II M 2.91 II II II M 2.91 II <t< td=""><td>Average</td><td>10</td><td>11</td><td>M</td><td>2.82</td><td>64</td><td>41</td><td>A.verage</td><td>10</td><td>11</td><td>м</td><td>2.941</td><td>6.5</td><td>44</td><td></td></t<>	Average	10	11	M	2.82	64	41	A.verage	10	11	м	2.941	6.5	44	
Average 10 7 M 2.84 " " July 1873 10 3 M 2.75 " " 10 1 M 3.00 " " 10 1 M 2.87½ " " Average 10 12 M 2.91½ " " 10 1 M 3.12½ " "	Jan. 1868	10 10 10	1 2 1	M M M	2.62½ 2.75 2.87½	46	66 66	Jan. 1873	10 10	3 5	M M	2.87½ 3.00	44	5 6 5 5	
Average 10 7 M 2.84 " " Shly 1878 10 4 M 2.873 " " 10 6 M 3.00 " " 10 10 1 M 3.123 " " 10 10 6 M 3.00 " " 10 10 1 M 3.123 " " 10 10 1 M 2.873 " " 10 10 1 M 2.873 " " 10 10 1 M 2.873 " " 10 10 1 M 3.123 " " 10 10 1 M 3.123 " " 10 10 1 M 3.123 " " 10 10 1 M 3.123 " " 10 10 1 M 3.123 " " 10 10 1 M 3.123 " " 10 10 1 M 3.123 " " 10 M 3.123 " " 10 M 3.123 " " 10 M 3.123 " " 10 M 3.123 " " 10 M 3.123 " " 10 M 3.123 " " 10 M 3.123 " " 10 M 3.123 " " 10 M 3.123 " " 10 M 3.123 " " 10 M 3.123 " " 10 M 3.123 " " 10 M 3.123 " " 10 M 3.123 " " 10 M 3.123 " " 10 M 3.123 " " 10 M 3.123 " " 10 M 3.123 " " " 10 M 3.123 " " " 10 M 3.123 " " " 10 M 3.123 " " " 10 M 3.123 " " " 10 M 3.123 " " " 10 M 3.123 " " " 10 M 3.123 " " " M 3.123 " " " M 3.123 " " " M 3.123 " " " M 3.123 " " " M 3.123 " " " M					$\begin{vmatrix} 3.12\frac{1}{2} \\ 3.25 \end{vmatrix}$			Average	10	12	M.	2.911	4.4	**	
Average 10	-			1				July 1873	10 10	4 6	M	2.87½ 3.00	14	**	
Average 10 5 M 2.95 " " Jan. 1874 10 3 M 2.75 " " 10 5 M 3.00 " " 10 1 M 3.12\frac{1}{2}" " M 3.25 " " 10 1 M 3.12\frac{1}{2}" " 10 1 M 3.12\frac{1}	эшу 1808	10	-1	\mathbf{M}	2.87	44	44						•		
Average 10 5 M 2.95 " " 10 10 5 M 3.00" " 10 1 M 3.124 " " 10 M 3.124 " " 10 M 3.124 " " 10 M 3.124 " " 10 M 3.124 " " 10 M 3.124 " " 10 M 3.124 " " 10 M 3.124 " " 10 M 3.124 " " 10 M 3.124 " " 10 M 3.124 " " 10 M 3.124 " " 10 M 3.124 " " 10 M 3.124 " " " 10 M 3.124 " " " 10 M 3.124 " " " 10 M 3.124 " " " 10 M 3.124 " " " 10 M 3.124 " " " 10 M 3.124 " " " 10 M 3.124 " " " 10 M 3.124 " " " 10 M 3.124 " " " 10 M 3.124 " " " 10 M 3.124 " " " 10 M 3.124 " " " 10 M 3.124 " " " 10 M 3.124 " " " " 10 M 3.124 " " " " 10 M 3.124 " " " " 10 M 3.124 " " " " 10 M 3.124 " " " " 10 M 3.124 " " " " 10 M 3.124 " " " " 10 M 3.124 " " " " " 10 M 3.124 " " " " " 10 M 3.124 " " " " " 10 M 3.124 " " " " " 10 M 3.124 " " " " " " 10 M 3.124 " " " " " " " " " " " " " " " " " " "									-						
Average 10 1 M 2.87½ Average 10 12 M 2.91½ 10 1 M 3.00 July 1874 10 4 M 2.75 10 1 M 3.25 July 1874 10 4 M 2.87½ 10 2 M 2.87½ Average 10 13 M 2.87½ 10 2 M 2.50 Average 10 13 M 2.90½ 10 2 M 2.75 Average 10 13 M 2.90½ 10 2 M 2.75 Average 10 13 M 2.90½ 10 1 M 3.12½ 10 1 M 2.50 Jan. 1875 10 4 M 2.75 10 1 M 3.25 Jan. 1875 10 5 M 3.00 10 1 M 3.25 Jan. 1875 10 5 M 3.00 10 1 M 3.25 Jan. 1875 10 Jan.	.,							Jan. 1874	10 10	3 5	M	2.87½ 3.00	44	64 64	
Average 10 1 M 3.00	0 an. 1005	10	4	M	1 2.75			Average	10	12	М		6.6	44	
Average 10 9 M 2.87½ " " July 1869 10 1 M 2.50 " " 10 2 M 2.75 " " 10 3 M 2.87½ " Jan. 1875 10 4 M 2.75 " 10 1 M 3.00 " " 10 3 M 2.87½ " 10 1 M 3.25 " 10 1 M 3.12½ "		10 10	1	M	3.00	46	66		10	3	M M	2,871	"	44	
July 1869 10 1 M 2.50 " " Average 10 13 M 2.50 10 2 M 2.75 " " Jan. 1875 10 4 M 2.875 " 10 3 M 2.874 " 10 3 M 2.874 " 10 1 M 3.00 " " 10 5 M 3.00 " 10 1 M 3.25 " 10 1 M 3.12 "	Average	10	9	M	2.871	"	44								
Average 10 8 M 2.86 " " Average 10 13 M 2.90 " "	July 1869	10 10 10	2 3 1	M M M	2.75 2.87± 3.00	66 66	66 66	l	10 10 10	4 3 5	M M M	2.75 2.87 3.00	64 66	66 66	
	Average	10	8	M	2. 86	44	66	Average	10	13	м	2. 90	44	44	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 64, NEW JERSEY—Continued.

Payroll of	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different eniployés.	Sex.	Rate	of	wages.
July 1875	10 10 10 10	1 2 5 3	M M M	\$2. 25 2. 50 2. 75 2. 87	per	day.	July 1880- cone'd.	10 10 10	2 4 11	M M	\$2.30 2.50 2.341	per	day,
	10	4	M	3. 00	41	44	Average Jan. 1881	10	1	M	2. 345		44
Average		15	М	2.77	44	44		10 10	4 2	M	2. 25 2. 30	£ £	16
Jan. 1876	10 10	1 4	M	2.00	66	66		10 10	3 1	M	2.50 2.75	**	**
	10	2 2	M	2. 87½ 3. 00	.,	44	Average	10	11	М	2.37		4.6
Average	10	9	M	2.75	66	41	July 1881	10 10	1	M M	2.00 2.20	8.4 4.4	
July 1876	10 10	1	M	2.00 2.20	66	44		10 10	1 4	M M	2.40 2.50	6.6	**
	10 10	4	M M	2.30 2.50	66	46 -		10	4	M	2.75	**	44 /
Average	10	10	M	2, 34	44	44	Average Jan. 1882	10	11	м	2.06	"	44
Jan. 1877	10 10	1	M M	2.00 2.20	46	44	Van. 1602	10 10	î	M	2. 20 2. 35	44	11
	10	6 4	M	2.30 2.50	44	**	1	10 10	3	M	2.40 2.50 2.75	44	14
Average	10	12	M.	2. 331	46	44		10 10	1	M	3. 00	44	44
July 1877	10 10	1	M M	2.00 2.20	46	44	Average	10	12	М	2.46	* *	**
	10	1 5	M	2. 25 2. 30	44	66 66	July 1882	.10 10	1	M	2. 20	**	14
Average	10	3	M	2.50 2.31a			1	10 10 10	$\frac{1}{2}$	M M M	2.35 2.40 2.50	41	14
Jan. 1878	10	1	M	2. 20	**	44	-	10	$\begin{bmatrix} \tilde{4} \\ 1 \end{bmatrix}$	M	2, 75 3, 00	11	44
•	10 10	3	M M	2.30 2.50	44	44	Average	10	12	м	2. 53		**
Average	10	7	М	2. 37	44	**	Jan. 1883	10 10	I	M M	2.00 2.20	44	44
July 1878	10 10	1 3	M M	2. 20 2. 30	44	46		10 10	1 2 2	M M	2, 35 2, 40	66	44
	10	2	M	2. 50	44	41	į.	10 10	3	M	2, 50	6 6 6 6	44
Average	10	6	M	2. 35	**	44		10	11	M M	3.00		44
Jan. 1879	10 10 10	1 3 2	M M M	2. 20 2. 25	44	44	A verage July 1883	10	1	м	2.00	**	"
	10 10	7 3	M	2.30 2.50	66	14 14	J = 3	10 10	1 1	M M	2.20	66	66
Average	10	16	M	2. 291	44	44		10 10 10	1 3 2	M M	2. 35 2. 40 2. 50	66	44
July 1879	10 10	1 3	M M	2. 00 2. 20	44	44		10	3	M	2. 75		66
	10 10	5	M	2. 25	66	16	Average	10	12 .	M	2.44	11	44
	10	3	М.	2.50	**	"	Jan. 1884	10 10	1	M M	2. 20 2. 35 2. 40	66	86 86
Average Jan. 1880	10	15 5	M M	2. 28½ 2. 20	66	**		10 10 10	1 1 3	M M M	2. 40 2. 50 2. 75	66	66
aut. 1000	10 10	5 4	M	2. 25 2. 30	44	66	Average	10	7	м	2, 53	**	"
Awara	10	18	<u>М</u> М	2. 50	64	66	July 1884	10 10	1 1	M	2. 20 2. 25	44	46
Average July 1880	10 10	18	M	2.30	66	66		10 10 10	1 3	M M	2.35 2.40	6.6 6.6	46
	10	4	M	2. 25	44	64	H I	10	3	M	2.50	44	45

METALS AND METALLIC GOODS: ESTABLISHMENT No. 64, NEW JERSEY—Continued.

MACHINISTS-Concluded.

Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of v	wages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of	wages.
July 1884- conc'd.	10 10	1 3	M M	\$2.60 2.75	per	day.	Jan. 1888	10 10	3	M M	\$2.50 3.00	per	day.
Average	10	13	M	2.49	44	44	Average	10	6	М	2.75	44	44
Jan. 1885	10 10 10	1 1 3	M M M	2. 25 2. 35 2. 40	64 66	41 44 64	July 1888	10 10 10	3 3 3	M M M	2.50 2.75 3.00	44	66
	10 10	3	M	2.50 2.60	44	44	Average	10	9	ТМ.	2.75	66	44
Average	10	12	M	2, 75 2, 513	**	"	Jan. 1889	10 10 10 20	2 1 1 4	M M M M	2.50 2.75 2.85 3.00	66	46 66 66
July 1885	10 10	1	M M	2. 25 2. 35	44	44	Average		8	м	2.821	**	44
A vērage	10 10 10 10	2 3 1 5	M M M M	2. 40 2. 50 2. 60 2. 75	46 46 46 48	66 66 66	July 1889	10 10 10 10	1 2 5 1 2	M M M M M	2.30 2.50 2.75 2.85 3.00	66 66 66	\$6 66 68 88 88
Jan. 1886	10	1	M	2, 25	44	**	Average	10	11	м	2.72	44	46
9 AH. 1000	10 10 10 10 10	1 2 1 1 4	M M M M M	2. 35 2. 40 2. 50 2. 60 2. 75	66 66 66 46	16 66 66 66	Jan. 1890	10 10 10 10	1 2 1 1 3	M M M M	2. 30 2. 50 2. 75 2. 85 3. 00	66 66 66 66	66 66 66 66
Average	10	10	M	2.55	46	44	Average	10	8	М	2.731	44	44
July 1886	10 10 10 10 10	2 2 4 1 3	M M M M	2. 40 2. 50 2. 75 2. 85 3. 00	44 44 45 44	66 84 65 64	July 1890	10 10 10 10 10	1 2 2 1 4	M M M M M	2, 30 2, 50 2, 75 2, 85 3, 00	46 68 66 46	66 64 65 65
Average	10	12	M	2.72	44	44	Average	10	10	М	2.761	64	**
Jan. 1887	10 10 10 10	2 4 1 3	M M M M	2.50 2.75 2.85 3.00	66 66 64	66 66 48	Jan. 1891	10 10 10 10	1 2 1 4	M M M M	2. 50 2. 75 2. 85 3. 00	11 14 14	44 44 44
Average	10	10	М	2. 78	44	**	Average	10	8	M	2.851	**	"
July 1887	10 10 10 10	2 2 1 3	M M M M	2. 50 2. 75 2. 85 3. 00	11_ 11 11	44 44 44	July 1891	10 10 10 10	1 2 1 4	M M M	2. 50 2. 75 2. 85 3. 00	14 14 14	41 46 44
Average	10	8	М	2. 79	**	44	Average	10	8	М	2. 851	44	64

PATTERNMAKERS.

July 1864	10 10 10	1 1 1	M M M	2.75 per 3.25 " 3.50 "	day.	Jan. 1866	10 10 10 10	2 1 1	M M M	2. 87½ 3. 00 3. 25 3. 37½	per d	
Average	10	3	M	3.161 44	44					3. 317		
Jan. 1865	10 10	1	M M	2.75 4 3.25 4	44	Average	10	5	М	3.071	**	44
	10	1	M	3, 50 **	44	July 1866	10	1	м	2.871	44	
Average	10	8	М	3.161 "	44		10	1	М	3. 25	44	46
July-1865	10	1	м	2.75 "	64	Average	10	2	м	3.061	16	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 64, NEW JERSEY.—Continued.

PATTERNMAKERS-Continued.

	II	1		i			II	ler	. 4				
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	vages.
Jan. 1867	10 10	1 2	M M	\$2. 87 1 3. 25	••	**	July 1874	10 10 10	1 1 2	M M M	\$3, 00 3, 50 3, 75	per	day.
Average	10	3	M	3. 121	44	44	Average	10	4	M	3.50	66	44
July 1867	10 10 10	1 1 1	M M M	2.871 3.25 3.50	66	11	Jan. 1875	. 10	1	M	3.00	66	44
Average	10	3	М	3. 21	**	66	,	10	1	M M	3.50 3.75	46	11
Jan. 1868	10	1	м	3. 25	46	4.6	Average	10	3	M	3. 41½	5.4	6.6
July 1868	10 10	1	M M	3, 50 3, 75	44	46	July 1875	10 10	1	M M	3.00 3.25	44	44
Average	10	2	M	3. 621	44 -			10	1	М	3. 75	44	44
Jan. 1869	10 10	1 1	M M	3.00 3.75	46	**	Jan. 1876	. 10	3 1	M M	3.33½ 3.00	44	**
Average	10	2	M	3.371	44	44	July 1010	10	î	M	3.75	1.6	44
July 1869	10 10	1 1	M	3. 00 3. 75	44 44	44	Average		2	M	3.37½	4.6	44
Average	10	2	M	3. 37	44	**	July 1876	10 10	1	M M	3. 00 3. 40	64	46
Jan. 1870	10 10	1 1	M M	3.00 3.75	44	**	Average	10	2	M	3. 20	44	44
Average	10	2	M	3. 371	44	44	Jan. 1877	10 10	1	M M	3.00 3.40	44	46
July 1870	10 10	1	M M	3.00 3.75	44	44	Average	10	2	М	3. 20	**	"
Average	- 10		м	3.374	4	44	July 1877	10	1	M	3.40	**	**
Jan. 1871	10 10 10	1 1 1	M M M	3.00 3.50 3.75	66	44	Jan. 1878	10 10 10	1 1 1	M M M	2, 50 3, 00 3, 40	11	**
Average	10	3	M	3. 41	64	44	/ Average	10	3	<u></u>	2.964	16	4.6
July 1871	10 10	I 1	M M	3. 00 3. 75	44	**	July 1878	10 10	1	M M	2. 50 2. 50 3. 40	**	"
Average	10		 М	3. 371	44	**	Average	10	2	м	2, 95	4.6	44
Jan. 1872	10 10 10	-1 I 1	M M M	3.00 3.50 3.75	44	66 46 88	Jan. 1879	10 10 10	1	M M	2.50	44	"
Average	10	3	M	3.41	**	••	Average	10	2	M	2, 95	44	44
July 1872	10 10	1	M	3, 00 3, 75	**	44	July 1879	10 10	2	M M	2.50 3.40	44	46
Average	10	2	M	3.371	66	44	Average	10	3	м	2.80	44	44
Jan. 1873	10 10	1 1	M M	3. 00 3. 75	46	**	Jan. 1880	10 10	1	M M	2.50 3.40	**	44
Average	10	2	М.	3.371	**	44	Average	10	2	M.	2. 95	66	**
July 1873	10 10	1 1	M M	3. 00 3. 75	44	44	July 1880	10 10	1	M M	2.50 3.40	14	44
Average	10	2	м	3.371	44	**	Average	10	2	M	2. 95	16	44
Jan. 1874	10 10	1 2	M M	3. 00 3. 75	"	**	Jan. 1881	10 10	1	M M	2.50 3.40	44	**
Average	10	3	м	3. 50	44	" ,	Average	10	2	М	2. 95	44	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 64, NEW JERSEY—Concluded.

PATTERNMAKERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1881	10 10	1	M M	\$2.50 3.40	per	day.	July 1886	10 10	1 1	M M	\$2.75 3.40	per	day.
Average	10	2	M	2, 95	44	66	Average	10	2	M	3.07	44	44
Jan. 1882	10 10	1	M M	2.50 3.40	46	44	Jan. 1887	10 10	1 2	M M	2.75 3.40	64 66	64 66
Average	10	2	M	2. 95	**	46	Average	10	3	M	3. 181	4.6	44
July 1882	10 10	1 1	M M	2.65 3.40	44	44	July 1887	. 10 10	1 1	M M	2.75 3.40	46	44 ·
Average	10	2	M	3.021	44	44	A TOTO TO	10	·	м	3.071	44	44
Jan. 1883	10 10	1	M M	2, 65 3, 25	44	44	Average Jan. 1888	10	1	м	2.75	++	44
Average	10	2	M	2.95	44	••		10	1	М.	3, 40	* 4	44
July 1883	10 10 10	1 1 1	M M M	2.50 2.65 3.25	44	44 46	Average July 1888	10 10	2	M	3. 07½ 2. 75	44	"
A wome inc	10	3		2. 80		66	9 HJy 1000	10	i	M	3. 40	14	44
Average Jan. 1884	10 10	1	M M	2. 65	44	41	Average	10	2	М	3.07⅓	64	44
Average	10	2		3.021	44	44	Jan. 1889	10	1	M	3.40	44	
July 1884	10	1	м	2, 65	64	66	July 1889	10 10	1	M	2.75 3.40	11	66
oury roos	10 10	1 2	M M	3. 25 3. 40	66	66	Average	10	2	М	3. 07½		46
Average Jan. 1885	10 10	4	M M	3. 17½ 2. 65	**	44	Jan. 1890	10 10	1 2	M M	2. 75 3. 40	44	44 44
овп. 1960	10	$\frac{1}{2}$	M	3.40	84	86	Average	10	3	М	3. 181		**
Average	10	3	м	3. 15	44	46	July 1890	10	2	М	3.40	"	**
July 1885	10 10	$\frac{1}{2}$	M M	2.65 3.40	44	66 86	Jan. 1891	10 10	1 2	M M	2.75 3.40	46	**
Average	10	3	М	3.15	44	**	Average	10	3	M	3. 181	44	44
Jan. 1886	10 10	1 2	M M	2.75 3.40	66 64	44	July 1891	10 10	1 2	M M	2.75 3.40	66	"
Average	10	3	M	3.18	44	**	Average	10	. 3	М	3. 181	"	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 65, NEW JERSEY.

BLACKSMITHS.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 65, NEW JERSEY—Continued.

BLACKSMITHS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of	wages.
Jan. 1882 July 1882 Jan. 1883 July 1883	10 10 10	1 1 1	M M M	\$2.75 per day	July 1887	10 10 10	1 1 2	M M	\$2.50 per 2.83½ " 2.66½ "	day,
Jan. 1884 July 1884 Jan. 1885 July 1885 Jan. 1886 July 1886	10 10 10 10 10 10	1 1 1	M M M M	2. 83½ · · · · · · · · · · · · · · · · · · ·	Jan. 1888 July 1888 Jan. 1889	10 10 10	1 1	M M M	2.50 " 2.50 " 2.50 "	6
Jan. 1887	10 10	1 1 2	M M	2.50	July 1889 Jan. 1890 July 1890 Jan. 1891 July 1891	10 10 10 10 10	1 1 1	M M M M	2.50 " 2.50 " 2.50 " 2.50 " 2.50 "	66 66 66

CARPENTERS.

July 1864	10	1	M	2.00		day.	Jan. 1878	10	1	M	2.67	per	day.
Jan. 1865	10	1	M	2.00	- 16	44	July 1878	10	1	M	2.67	- **	14.
July 1865	10	1	M	2.12		44	Jan. 1879	10	1	M	2.67	11	1.0
Jan. 1866	10	1	M	2.30			July 1879	10	1	M	2.67	6.4	4.4
July 1866	10	1	M	2.50	44	4.6	Jan. 1880	10	1	M	2.67	4.6	4.6
Jan. 1867	10	1	M	2.50	4.6	4.6	July 1880	10	1	м	2.67	4.4	4.6
July 1867	10	1	M	2.50	4.6		July 1881	1.0	1	M	2,50	4.4	E &
Jan. 1868	10	1	M	2.50	4.6	44	Jan. 1882	10	1	M	2.50	4.6	4.6
July 1868	10	1	M	2.50	4.6	44	July 1882	10	1	M	2.50	6.6	11
Jan. 1869	10	1	M	2.50	4.6	6.6	Jan. 1883	10	1	M	2, 50	6.0	6.6
July 1869	10	1	M	2.50	4.6	14	July 1883	10	1	M	2.50	1.6	6.6
an. 1870	10	1	M	2. 50	44	4.6	Jan. 1884	10	1	M	2.661	4.6	6.4
uly 1870	10	1	M	2.50	4.4	66	July 1884	10	1	M	2.66%	6.6	6.6
an. 1871	• 10	1	M	2.50	**	66	Jan. 1885	10	1	M	2.66%	1.6	1.6
fuly 1871	10	1	M	2.50	44	44	July 1885	10	1	M	2, 66%	6.6	4.6
an. 1872	10	1	M	2.50	8.6	4.6	Jan. 1886	10	1	M	2.66		4.6
uly 1872	10	1	M	2.50	4.6	6.0	Jan. 1887	10	1	M	2, 661	4.6	
Jan. 1873 i	10	1	M	2.50	4.6	**	July 1887	10	ī	M	2.66	1.1	4.6
uly 1873	10	1	M	2.50	6.6	1.6	Jan. 1888	10	ī	M	2.66%	4.4	44
an. 1874	10	1	\mathbf{M}	2.67	4.6	66	July 1888	10	1	M	2.661	6.6	6.4
uly 1874	10	1	M	2, 67	4.4	66	Jan. 1889	10	î	M	2. 66	4.6	6.6
an. 1875	10	1	M	2.67	6.6	6.6	July 1889	10	î	M	3.00	4.6	s C
uly 1875	10	i i	M	2.67	4.4	44	Jan. 1890	10	î	M	3.00	66	6.6
an. 1876	10	î.	M	2.67	6.4	6.6	July 1890	10	î	M	3.00	6.6	11
uly 1876	10	î	M	2.67-	64	66	Jan. 1891	10	î	M	3, 00	6.6	4.6
an. 1877	10	î	M	2. 67	6.6	4.6	July 1891	10	1	M	3.00	4.6	6.4
uly 1877	îŏ	î	M	2. 67	44	6.6	July 1001	10	_	1	0,00		

FOREMEN, MACHINISTS.

Jan. 1856	10	т.	м	3, 00	ner	day.	1	9. m	1870	10			1	м	4.16	nor	day,
July 1856	. 10	1 1	M	3, 00		44			1870	10]		î	M	4. 16	POL	auy,
Jan. 1857-	10	1	M	3, 00	6.6	44	:∥ <u>ĭ</u> ,	an	1871	10			í	M	4. 16	6.6	4.4
July 1857		l î	M	3, 00	44	4.6	1 .7	nlv	1871	10			î	M	4. 16	1.1	6.6
July 1858	îŏ	1	M	3.00	4.6	64	II J	on	1872	10			i	м	4. 16	4.6	6.6
Jan. 1859	10	1 1	M	3.00	64	66			1872	10			î	M	4. 16	44	6.6
July 1859	10	1 1	M	3.00	6.6	44			1873	10			i	M	4. 161	4.6	6.6
Jan. 1863	10	1	M	3.00	4.4	66			1873	10	1		i l	M	4. 16	4.6	
July 1863	10	1	M	3.00	64	44	J	an an	1874	10			î	M	4. 161	16	4.6
Jan. 1864	10	1 1	M	3.00	4.6	44			1874	10			î l	M	4. 16	6.6	6.6
July 1864	10	1 1	M	3.334	44	44	T.	an	1875	10	1		î	M	4. 16	6.6	1.0
Jan. 1865	10	i i	M I	4. 16	6.6	66			1875	10			î	M	5. 00	4.6	4.6
July 1865	10	†	M	4. 16	8.6	46			1876	10			î l	M	5.00	66	4.6
Jan. 1866	10	1 ;	M	4. 16	44	66			1876	10			i	M	5, 00	4.6	6.6
July 1866	10	1 1	M	4. 16	6.6	66			1877	10	1		îl	M	5.00	6.6	6.6
Jan. 1867	10	1 1	м	4. 16	2.5	44			1877	10			î	$\widehat{\mathbf{M}}$	5.00	14	4.6
July 1867	10	1 1	M	4. 16	4.6	66	J.	an	1878	10			ī	M	5. 00	4.6	6.6
Jan. 1868	10	1 1	M.	4. 16	44	44			1878	10			î	M	5.00	4.6	64
July 1868	10	1 1	M	4. 16	45	66			1879	10			ī	M	4.16	46	4.6
Jan. 1869	10	1 1	M	4. 16	4.6	66			1879	10			ī	M	4.16	46	6.6
July 1869	10	i	M	4. 16	16	44	J	an.	1880	10		,	ī	M	4. 16	66	66

METALS AND METALLIC GOODS: ESTABLISHMENT No. 65, NEW JERSEY—Continued.

FOREMEN, MACHINISTS-Concluded.

Payroll Bo	Difference employé	s. Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
July 1880 Jan. 1881 July 1881 Jan. 1882 July 1882 Jan. 1883 Jan. 1884 July 1884 Jan. 1885 July 1885 Jan. 1886	10 10 10 10 10 10 10 10 10 10 10 10 10	M M M M M M M M M M M M M M M M M M M	\$4.16\(\frac{1}{2}\) \text{orday}. 4.16\(\frac{1}{2}\) \text{orday}. 4.16\(\frac{1}{2}\) \text{orday}. 4.16\(\frac{1}{2}\)	July 1886 Jan. 1887 July 1887 Jan. 1888 July 1888 July 1889 Jan. 1890 Jan. 1890 Jan. 1890 Jan. 1891 July 1891	10 10 10	111111111111111111111111111111111111111	M M M M M M M M M	\$4.00 per day. 4.00 "" 4.16½ "" 4.16½ "" 4.16½ "" 4.16½ "" 4.16½ "" 4.16½ "" 4.16½ "" 4.16½ "" 4.16½ "" 4.16½ "" 4.16½ "" 4.16½ "" 4.16½ ""

MACHINISTS.

Jan. 1856	10 10 10 10	2 1 1 1	M M M M	1. 33 1. 66 1. 75 1. 87‡	per	day.	July 1863	10 10 10	1 3 3	M M M	1. 50 1. 75 2. 00	per	day.
A	10	5	M	1. 59	**	44	Average	10	7	M	1.82	66	44
Average July 1856	10 10 10	1 3 1	M M M	1.33 1.50	16	44 44	Jan. 1864	10 10 10	7 4 1	M M M	1.75 2.00 2.25	"	46 66
į	10	1	M	1.62½ 1.66	44	44	Average	10	12	M	1.87	. 1	44
	10 10 10	8 1 1	M M M	1.75 1.87 2.00	44	44	July 1864	10 10 10	1 2	M M M	1.62 1.75 2.00	11	66 61
Average	10	11	М	1.66	46	44		10 10 10	2	M	2. 12 2. 25	44	u _ "
Jan. 1857	10 10 10	1 1 2	M M M	1.33 1.75 2.00	44 44	66 66 61		10 10 10	1 2 2 4 2 3 1	M M M	2. 38 2. 50 2. 62	66	66 66
A.verage	10	4	М	1.77	44	44	Average	10	17	M	2. 19	44	44
July 1857	10 10 10 10 10 10	1 6 1 1 3	M M M M M	1. 33 1. 50 1. 66 1. 75 2. 00 2. 25	46 46 46 48	44 44 44 44	Jan. 1865	10 10 10 10 10 10	* 1 1 3 3 1 2	M M M M M M	1. 62 1. 75 1. 83 2. 00 2. 25 2. 38 2. 40	66 66 66 66 66	66 66 66 66 66
Average	10	13	M	1.69	**	61		10	3	M	2.62	11	rs.
Jan. 1858	10 10	3 1	M M	1.50 2.00	66	££	Average July 1865	10 10	15 1	M M	2. 20 1. 66	14	"
Average	10	4	M	1. 621	64	44	July 1050	10 10	2 2	M	1.83	£ £	46
July 1858	10 10 10 10	1 1 4	M M M M	1. 25 1. 38 1. 50 2. 00	44 44 44	61 41 44		10 10 10 10 10	1 2 1 2 4	M M M M	2. 12 2. 25 2. 32 2. 38 2. 50	61 66 68 68	66 66 66
Average	10	7	M	1.731	14	61		10	1	M	2. 62 2. 66	44	44
Jan. 1859	10 10	1 3	M M	1.50 2.00	66	66	Average	10	17-	м	2. 251	44	44
Average	10	4	M	1.871	4.6	66	Jan. 1866	10	1	М	1.75	14	11 E
July 1859	10	3	м	2, 00	11	"		10 10	2	M	2.00	44	44
Jan. 1863	10 10 10 10 10	2 1 4 1	M M M M	1. 50 1. 62 1. 75 1. 88 2. 00	46	66 66 66 66		10 10 10 10 10	3 2 5 1 1 1	M M M M M	2. 38 2. 50 2. 62 2. 66 2. 83 3. 00	66 66 66	45 45 48 46
Average	10	9	M	1.72	44	44	Average	10	17	M	2.401	"	14

METALS AND METALLIC GOODS: ESTABLISHMENT No. 65, NEW JERSEY -- Continued.

STORY.													
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Páyroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1866	10 10 10 10 10 10 10 10	1 3 1 1 2 5 2 2 1	M M M M M M M M	\$1. 87½ 2. 00 2. 17 2. 25 2. 38 2. 50 2. 62 2. 67 2. 75	per (day.	July 1871	10 10 10 10 10 10 10 10 10	1 1 2 1 1 3 1 2 1	M M M M M M M	\$2.00 2.08 2.12½ 2.17 2.33 2.50 2.62 2.67 2.83	per "" "" "" "" "" "" "" "" "" "" "" "" ""	day.
	10	1	M	3. 121	66	44	Average	10	13	M	2.391	16	64
Average		19	М	2.42	41		Jan. 1872	10	1 1	M	2.00	**	46
Jan. 1867	10 10 10 10 10	1 3 1 2	M M M M M	2, 00 2, 17 2, 50 2, 62½ 2, 67	44	46 46 46 46		10 10 10 10 10 10	2 2 1 3 1	M M M M M	2. 08 2. 12½ 2. 17 2. 33 2. 50 2. 62	11	46 66 66
Average	10	9	M	2.401	54	44		10	1	M	2. 67 2. 83	44	44
July 1867	10	2	M	2. 00	66 66	66 46 44	Average		14	M	2.38		"
Average	10 10 10	3 2 8	M M	2.50 2.67 2.37½	**	"	July 1872	10 10 10	3 3 1	M M M	2.00 2.12½ 2.21	16 16 16	66 66 66
Jan. 1868	10 10 10 10	1 1 3 1	M M M	2. 00 2. 12½ 2. 50 2. 67	44 44	64 64 64		10 10 10 10 10	1 1 3 1	M M M M M	2. 33 2. 40 2. 42 2. 50 2. 62 2. 67	23 24 44 44	66
Averag	e - 10	. 6	м	2. 381	44	44		10	î	M	2. 83		4.6
July 1868	10 10	1	M	2.00 2.124	44	6 E	Average	10	16	М	2, 33	•	44
	10	. 3	M	2. 50 ² 2. 67		44	Jan. 1873	10 10		M M M	2. 124 2. 33 2. 50		66
Averag		1		2. 38½ 2. 00	44	66		10 10 10	1	M M M	2. 62 2. 67 2. 83	1.6	
Jan, 1869	10 10 10	1 3	M	2. 25 2. 50 2. 67	66	66 66	Average	e 10	12	M	2.38	- "	
Averag	e 10	6	М	2. 401	**	45	July 1873	10 10 10	2 3	M	2. 33	44	
July 1869	10 10 10 10	1 3	M	2. 00 2. 25 2. 50 2. 67	66 66 66	66 66 68		10 10 10	1 1 1	M M M	2. 62 2. 67 2. 83	44	. 44
Averag			_			44	Averag			M	2. 42	-	
Jan, 1870	10 10 10	1 3	M	2.50	14 64 64	44 44	Jan. 1874	10 10 10 10 10 10	2 3 1	M M M M	2. 12 2. 33 2. 50 2. 62 2. 75 2. 92	14	: #1 : #4 : #1
Averag	e 10	•	М	2.40	- "	44	Averag		_'		2.44		4.6
July 1870	10 10 10	1 1	M M M	2. 25 2. 50 2. 67	46 46 46	44	July 1874	10 10 10 10	1 3 1 1	M M M	2. 12 2. 50 2. 62 2. 75 2. 92	11	: 44 : 44 : 66
Averag			1		•			- 10	_!	_		_	
Jan. 1871	1 10 10 10 10		M M	2. 12 2. 50	1 66	64	Jan. 1878		1	M M	2.00 2.12 2.50	1 60 2 60	 . 46
Averag	e 10) (M	2.38	. "	44	i.	liò		M			

METALS AND METALLIC GOODS: ESTABLISHMENT No. 65, NE JERSEY—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of v	vages
Jan. 1875- conc'd.	10 10	1 1	M M	\$2.75 2.92		day.	July 1879- conc'd.	10 10 10	1 2 1	M M M	\$2. 25 2. 50 2. 75	per	46
Average	1.0	9	M	2.49	"	64		10	1	М	2.92	11	44
July 1875	10 10	1	M	2.00 2.12½		44	Average	1	7	M	2.431		4.6
	10 10 10 10	5 1 1 1	M M M M	2.50 ² 2.62 2.75 2.92	46	66 66 64	Jan. 1880	10 10 10 10 10	2 1 2 1	M M M M	2. 12½ 2. 33 2. 50 2. 75 2. 92	66 61 68	16 16 14
Average	10	10	М	2.49	4.6	44	A	10	7			"	"
Jan. 1876	10 10 10 10 10	1 1 4 1	M M M M	2.00 2.12½ 2.50 2.62 2.75	46 46 46 46	68 66 66	July 1880	10 10 10 10	2 1 2 1	M M M M	2. 46½ 2. 12½ 2. 33 2. 50 2. 75	66 66	44 44 44
	10	1	M	2.92	44	**		10	1	M	2.92	46	**
Average	10	9	M	2.49	**	**	Average	10	7	M	2.461	5.6	65
July 1876	10 10 10 10 10 10	1 4 1 1	M M M M M	2. 00 2. 12½ 2. 50 2. 62 2. 75 2. 92	66 68 66 66	46 46 46 46 46	Jan. 1881	10 10 10 10 10 10	2 1 1 2 1	M M M M M	2. 12½ 2. 15 2. 33 2. 50 2. 75 2. 92	66 66 68 68	66 66 66 66 66 66
Average	10	9	М	2.49	64	44	Average	10	8	м	2. 421	66	**
Jan. 1877	10 10 10 10 10	1 1 2 1	M M M M	2. 00 2. 12½ 2. 50 2. 75 2. 92	66 66	66 66	July 1881	10 10 10 10 10	2 1 1 2 1	M M M M	2. 121 2. 15 2. 33 2. 50 2. 75	46 46 46	61 16 16 16
Average	10	6	M	2. 46½	4.6	"		10	i	M	2. 92		66
July 1877	10 10 10 10 10	1 1 2 1	M M M M	2. 00 2. 12½ 2. 50 2. 75 2. 92	46 46 46 46	66 66 66	Average Jan. 1882	10 10 10 10	8 I 3 1	M M M	2. 42½ 2. 00 2. 12½ 2. 16	11	86 86 85
A vérage	10	6	М	2. 46	**	" ,		10 10	1	M M	2.33 2.50	44	16
Jan. 1878	10 10 10	1 1 2	M M M	$\begin{array}{c} 2.00 \\ 2.12\frac{1}{2} \\ 2.50 \end{array}$	6 E 6 E	4.6 6.6 8.8		10 10	2 1 1	M M	2. 75 2. 92	16	44
1	10 10	1 1	M	2. 75 2. 92	16	44	Average	10	10	М	2. 35½	46	41
Average	10	6	M	2. 461	**	**	July 1882	10 10 10	2 1 1	M M M	2. 12½ 2. 16 2. 25	;;	4.6 6.6
July 1878	10 10 10 10 10	1 1 2 1	M M M M	2. 00 2. 12½ 2. 50 2. 75 2. 92	66 66	66 66 66		10 10 10 10	1 3 1	M M M M	2, 333 2, 50 2, 75 2, 92	11	66 66
Average	10	6	M	2. 461	46	40	Average	10	10	M	2.412	4.6	44
Jan. 1879	10 10 10 10 10 10	1 1 1 2 1	M M M M M	2. 00 2. 12½ 2. 25 2. 50 2. 75 2. 92	66 66 66 66	46 64 68 61 64	Jan. 1883	10 10 10 10 10	1 1 4 3 1	M M M M M	2. 16½ 2. 25 2. 50 2. 83½ 3. 00	61 41 41 41 41 41	46
Average	10	7	м	2.431	41	14 .	Average	10	10	M	2.59		_
July 1879	10 10	1	M M	2.00 2.121	•	4.6	July 1883	10 10	1 1	M M M	2. 16½ 2. 50 2. 58¾	14	44

METALS AND METALLIC GOODS; ESTABLISHMENT No. 65, NEW JERSEY.—Concluded.

MACHINISTS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages
July 1883- cone'd.	10 10	2 1	M	\$2.83½ per day.	July 1887	10 10 10	1 4 2	M M M	\$2,00 2,50 3,00	per	day.
Average	10	6	M	2.005	Average	10	7	м	2.57	ć.	64
Jan. 1884	10 10 10 10 10	1 2 1 1 1	M M M M M	2.16½ '' '' 2.50 '' '' 2.58½ '' '' 3.00 '' ''	Jan. 1888	10 10 10	2 1 2	M M M	2.50 2.661 3.00	44	6 6 6 6
Average	10	6	M	2.591 " "	Average	1	5	М	$2.73\frac{1}{2}$	44	**
July 1884	10 10 10	1 2 1	M M M	2. 16½ '' '' 2. 50 '' '' 2. 58¼ '' ''	July 1888	10 10 10	2 1 2	M M M	2.50 2.66± 3.00	46	66
	10	2	M	3, 00	Average	10	5	М	$2.73\frac{1}{2}$	44	66
Average Jan. 1885	10 10	6	M	2. 62½ " " 2. 16½ " "	Jan. 1889	10 10 10	2 1 2	M M M	2.50 2.66½ 3.00	44	44
	10 10 10	1 1	M M M	2.50° " " " 2.58½ " " " 3.00° " " "	Average	10	5	M	2. 731	. 66	16
Average	-	5	M	2.55 " "	July 1889	10 10 10	2 1 2	M M M	2.50 2.66½ 3.00	: "	66
July 1885	10 10 10 10	1 2 1 1	M M M M	2. 16½ 11 14 2. 50 16 11 2. 58½ 16 11 3. 00 14 11	Average Jan. 1890	10 10 10	5 2 1	M M M	2. 73½ 2. 50 2. 66½	46	44 , 44
Average	10	5	М	2.55		10	2	M	3.00		44
Jan. 1886	10 10 10	1 4 1	M M M	2.00	Average July 1890	10 10 10 10	5 2 1 2	M M M	2.731 2.50 2.661 3.00	66	16
Average	10	6	М	2.50 " "	Average	-	5	M	2.73	"	44
July 1886	10 10 10		M M M	2. 00	Jan. 1891	10 10 10	2 1 2	M M M	2.50 2.661 3.00	"	66 66 64
Average	10	6	М	2.50 " "	Averag	10	5	м	2. 73	. "	c s
Jan. 1887	10 10 10	4	M	2. 00 41 46 2. 50 46 44 3. 00 44 44	July 1891	10 10 10	1	M M M	2.50 2.66 3.00	14-	44
Average	10	7	м	2.57 " "	Averag	e 10	5	М	2. 73	1 "	4.6

METALS AND METALLIC GOODS: ESTABLISHMENT No. 66, NEW YORK.

COREMAKERS.

Jan. 1859 July 1859 Jan. 1860 July 1860 Jan. 1861 July 1861 Jan. 1862 July 1862 July 1862	10 10 10 10 10 10 10 10	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M	1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25	per day.	July 1864 Jan. 1865 July 1865 Jan. 1866 July 1866 Jan. 1867 July 1867 July 1868 July 1868	10 10 10 10 10	1 1 1 1 1 1 1	M M M M M M M M	1.50 1.50 1.50 1.50 1.50 1.66 1.66 1.66	66 61 64 64 66	16 46 46 46 46 46 46
July 1862 Jan. 1863 July 1863 Jan. 1864	10 10 10 10), pt. 2-	M M M M	1. 25 1. 25 1. 25 1. 25	66 66	Jan. 1868 July 1868 Jan. 1869 July 1869	10	1 1 1 1			"	

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TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

MIETALS AND MIETALLIC GOODS: ESTABLISHMENT No. 66, NEW YORK—Continued...

COREMAKERS-Concluded.

Jan. 1870 10 1 M \$1.66½ per day. Jan. 1875 10 1 M \$1.83½ per day. July 1870 19 1 M 1.66½ " " " July 1879 10 1 M 1.50 " " " July 1879 July 1871 10 1 M 1.66½ " " July 1879 10 1 M 1.50 " " " July 1879 Jan. 1872 10 1 M 1.66½ " " July 1880 10 1 M 1.50 " " " July 1870 July 1872 10 1 M 1.66½ " " " July 1880 10 1 M 1.50 " " " July 1880 July 1872 10 1 M 1.66½ " " " July 1881 10 1 M 1.50 " " " July 1881 Average 10 2 M 1.70½ " " Jan. 1883 10 1 M 1.50 " " " Jan. 1884 Jan. 1873 10 1 M 1.75 " " Jan. 1884 10 2 M 1.50 " " " Jan. 1884 Jan. 1873 10 1 M 1.75 " " Jan. 1884 <th>Payroll of</th> <th>Hours per day.</th> <th>Different employés.</th> <th>Sex.</th> <th>Rate</th> <th>of '</th> <th>wages.</th> <th>Payroll of-</th> <th>Hours per day,</th> <th>Different employés.</th> <th>Sex.</th> <th>Rate</th> <th>of v</th> <th>vagea.</th>	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of '	wages.	Payroll of-	Hours per day,	Different employés.	Sex.	Rate	of v	vagea.
Average 10 2 M 1.70½ " " Jan. 1883 10 3 M 1.50 " " Jan. 1873 10 1 M 1.83½ " " July 1885 10 2 M 1.50 " " Jan. 1873 10 1 M 1.83½ " " July 1885 10 2 M 1.50 " " Jan. 1886 10 1 M 1.50 " " Jan. 1885 10 1 M 1.50 " " Jan. 1885 10 1 M 1.50 " " Jan. 1885 10 2 M 1.50 " " Jan. 1885 10 2 M 1.25 " " Jan. 1886 10 3 M 1.25 " " Jan. 1886 10 3 M 1.25 " " Jan. 1886 10 3 M 1.25 " " Jan. 1886 10 3 M 1.25 " " Jan. 1886 10 3 M 1.25 " " Jan. 1886 10 3 M 1.50 " " Jan. 1886 10 3 M 1.50 " " Jan. 1886 10 3 M 1.50 " " Jan. 1886 10 3 M 1.55 " " Jan. 1888 10 2 M 1.50 " " Jan. 1888 10 2 M 1.50 " " Jan. 1888 10 2 M 1.50 " " Jan. 1888 10 2 M 1.50 " " Jan. 1888 10 2 M 1.50 " " Jan. 1888 10 2 M 1.50 " " Jan. 1888 10 2 M 1.50 " " Jan. 1888 10 2 M 1.50 " " Jan. 1888 10 2 M 1.50 " " Jan. 1888 10 2 M 1.50 " " Jan. 1888 10 2 M 1.50 " " Jan. 1888 10 2 M 1.50 " " Jan. 1888 10 2 M 1.50 " " Jan. 1888 10 2 M 1.50 " " Jan. 1888 10 2 M 1.50 " " Jan. 1888 10 2 M 1.50 " " Jan. 1889 10 2 M 1.50 " " Jan. 1889 10 2 M 1.50 " " Jan. 1889 10 2 M 1.50 " " Jan. 1889 10 2 M 1.50 " " Jan. 1889 10 2 M 1.50 " " Jan. 1889 10 2 M 1.50 " " Jan. 1891 10 3 M 1.50 " " Jan. 1891 10 3 M 1.50 " " Jan. 1891 10 3 M 1.50 " " Jan. 1891 10 3 M 1.50 " " Jan. 1891 10 3 M 1.50 " " Jan. 1891 10 3 M 1.50 " " Jan. 1891 10 3 M 1.50 " " Jan. 1891 10 3 M 1.50 " " Jan. 1891 10 3 M 1.50 " " Jan. 1891 10 3 M 1.50 " " Jan. 1891 10 3 M 1.50 " " Jan. 1891 10 3 M 1.50 " " " Jan. 1891 10 3 M 1.50 " " Jan. 1891 10 3 M 1.50 " " Jan. 1891 10 3 M 1.50 " " Jan. 1891 10 3 M 1.50 " " Jan. 1891 10 3 M 1.50 " " Jan. 1891 10 3 M 1.50 " " Jan. 1891 10 3 M 1.50 " " Jan. 1891 10 3 M 1.50 " " Jan. 1891 10 3 M 1.50 " " Jan. 1891 10 3 M 1.50 " " " Jan. 1891 10 3 M 1.50 " " Jan. 1891 10 3 M 1.50 " " " Jan. 1891 10 3 M 1.50 " " " Jan. 1891 10 3 M 1.50 " " " Jan. 1891 10 3 M 1.50 " " " Jan. 1891 10 3 M 1.50 " " " Jan. 1891 10 3 M 1.50 " " " Jan. 1891 10 3 M 1.50 " " " Jan. 1891 10 3 M 1.50 " " " Jan. 1891 10 3 M 1.50 " " " Jan. 1891 10 3 M 1.50 " " " Jan. 1891 10 3 M 1.50 " " " Jan. 1891 10 3 M 1.50 " " " Jan. 1891 10 3	July 1870 Jan. 1871 July 1871 Jan. 1872	10 10 10 10 10	1 1 1 1	M M M M	1.66½ 1.66½ 1.66½ 1.66½ 1.66½	44	66	Jan. 1879 July 1879 Jan. 1880 July 1880 Jan. 1881 July 1881	10 10 10 10 10 10	1 1 1 1 1	M M M M M	1.50 1.50 1.50 1.50 1.50	66 66 66	66 66
Average 10 2 M 1.79½ " " Jan. 1888 10 2 M 1.50 " " Jan. 1874 10 1 M 1.75 " " Jan. 1889 10 2 M 1.50 " " Jan. 1874 10 1 M 1.83½ " Jan. 1889 10 2 M 1.50 " " Average 10 2 M 1.79½ " " Jan. 1889 10 2 M 1.50 " " Jan. 1890 10 2 M 1.50 " " Jan. 1890 10 3 M 1.50 " " Jan. 1890 10 3 M 1.50 " " Jan. 1891 10 3 M 1.50 " " Jan. 1891 10 3 M 1.50 " " Jan. 1891 10 3 M 1.50 " "		10	1	M M	1.70½	4.6	**	July 1882 Jan. 1883 July 1883 Jan. 1884 July 1884	10 10 10 10	2 3 2 1	M M M M	1.50 1.50 1.50 1.50	66 61 61	46 66 66
Average 10 2 M 1.79½ " " July 1890 10 2 M 1.50 " " July 1891 10 3 M 1.50 " " July 1874 10 1 M 1.75 " " July 1891 10 3 M 1.50 " "	· ·	10 10	1 1	M M	1.75 1.83½	11	66	July 1885 Jan. 1886 July 1886 Jan. 1887 July 1887	10 10 10 10 10	2	M M M M	1. 25 1. 25 1. 50 1. 50 1. 50	"	66 66
July 1874 10 1 M 1.75 " " July 1891 10 3 M 1.50 " " July 1874 10 1 M 1.75 " "	Jan. 1874	10 10	1 1	M M	1.75 1.83½	44	44	July 1888 Jan. 1889 July 1889 Jan. 1890	10 10 10 10	2	M M M M	1.50 1.50 1.50 1.50	66 66	44 44 44
Average 10 2 M 1.79\frac{1}{2} " 1.79\frac{1}{2}	July 1874	10	1 1	M M	1.75 1.83½	16	44	Jan. 1891	10	3	M	1.50	6.6	64

CUPOLAMEN.

July 1858	10 10	3 1	M M	1.00 perday.	July 1862	. 10 10	1	M M	1.00 per day. 1.16½ " "
Average	10	4	М	1.04 " "	Average	10	2	м	1.084 " "
Jan. 1859	10 10	2 1	M M	1.00 " " 1.16½ " "	Jan. 1863 July 1863	10 10	$\begin{bmatrix} 2 \\ 2 \end{bmatrix}$	M M	1. 16½ " " 1. 16½ " "
Average	10	3	M.	1.051 " "	Jan. 1864	10	1	M	1.161 " "
July 1859	10 10	2 1	M M	1.00 11 11		10	1	M	1. 201
Average	10	3		1.051 " "	Average	. 10	2	M	1. 204
Jan. 1860	10 10	2 1	M M	1.00 " " 1.16½ " "	July 1864	10 10 10	1 1 1	M M M	1. 161 " " 1. 371 " " 1. 50 " "
Average	10	3	м	1.051 " "	Average	10	3	м	1.341 " "
July 1860	10 10	2 1	M	1.00 " " " 1.16½ " "	Jan. 1865	. 10 10	1 1	M M	1.37½ " " 1.50 " "
Average	10	3	м	1.05½ " "	Average	: 10	2	M	1.431 " "
Jan. 1861	10 10	2_1	M M	1.00 " " 1.16½ " "	July 1865	. 10 10	1 1	M M	1.371 " " " 1.50" " "
Average	10	3	M	1.05 4 "	Average	10	2	M	1.431 " "
July 1861	10 10	1	M M	1.00 " " 1.16½ " ".	Jan. 1866	10 10	$\frac{2}{1}$	M M	1. 37½ " " 1. 50 " "
Average	10	2	М	1. 081 " "	Average	10	3	M	1.411 " "
Jan. 1862	70 10	1	M M	1.164 " "	July 1866	10 10	2	M M	1.37½ " " 1.50 " "
Average	10	2	M	1.081 "	Average	10	3	М	1.411 " "

METALS AND METALLIC GOODS: ESTABLISHMENT No. 66, NEW YORK—Continued.

CUPOLAMEN-Continued.

Payroll of—	Hours per	Different employés.	Sex.	Rate	of v	vages.	Payroll of-	Hours per	Different employés.	Sex.	Rate	of w	vages.
	day.							day.					
Jan. 1867	10 10	2 1	M M	\$1.37½ 1.50	per	day.	July 1874	10 10	1 1	M M	\$1.833 2.00	per	••
Average	10	3	M	1.411	11	4.6	Average	10	2	M	1.911	"	"
J uly 1867	10 10	1 2	M M	1.50 1.66½	44	**	Jan. 1875	10 10	1 1	M M	$\frac{1.83\frac{1}{2}}{2.00}$	46	14
Average	10	3	M	1.61	44	66	Average	10	2	M	1.911	6.6	14
Jan. 1868	10 10	1 2	M M	1.50 1.66½	64	44	July 1875	10 10	1 1	M M	1.83½ 2.00	46	66 66
Average	10	.3	M	1.61	44	44	Average	10	2	M	1. 911	64	66
July 1868	10 10	1 1	M M	1.66½ 1.83½	41	46	Jan. 1876	10 10	1 1	M M	1. 66½ 1. 75	66	44
Average	10	2	M	1.75	66	44	Average	10	2	M	$1.70\frac{1}{2}$	4.6	44
Jan. 1869	10 10	1 1	M M	1.66½ 1.83½	- 66	46	July 1876	10 10	1	M M	1.661 1.75	44	**
Average	10	2	М	1.75	4.6	* *	Average	10	2	M	1.701	16	44
July 1869	10 10	1	M M	1. 66½ 1: 83½	6.6	"	Jan. 1877	10 10	1	M M	1. 66 <u>1</u> 1. 75	64	44
Average	10	2	M	1.75	"	**	Average	10	2	M	1.70	64	44
Jan. 1870	10 10	1 1	M M	1. 66½ 1. 83½	11	44	July 1877	10 10	1	M M	1. 66 <u>1</u> 1. 75	66	44
Average	10	2	М	1.75	**	44	Average	10	2	M	1, 701	66	"
July 1870	10 10	1	M M	1. 66½ 1. 83½	44	11	Jan. 1878	10 10	1	M M	1. 66½ 1. 75	64 64	16
▲verage	10	2	M	1.75	44	44	Average	10	2	M	1.70	44	#
Jan. 1871	10 10	1	M M	1. 66½ 1. 83½	64	11	July 1878	10 10	1	M	1. 66 1 1. 75	44	66
Average	. 10	2	М	1.75	44	11	Average	10	2	M	1.701		**
July 1871	10 10	1 1	M M	1.66½ 1.83½		66	Jan. 1879	10 10	1 1	M M	1.66½ 1.75	14	15
Average	10	2	M	1.75	11	£ E	Average	10	2	M	1.701		44
Jan. 1872	10 10	1	M M	1.66½ 1.83½	65	11	July 1879	10 10 10	1 1	M M M	1.25 1.66½ 1.75	54 66 46	66 66
Average	10	- 2	M	1.75		"	Average		3	м	1. 55		11
July 1872	10 10	1 1	M M	1.83½ 2.00	66	66	Jan. 1880	1	1 1	M	1. 25 1. 50	14	66 65
Average	10	2	М	1. 91	"	44	1	10	l î	M	1.66± 1.75	66	44
Jan. 1873	10 10	1 1	M M	1.75 1.83½	"	44	Average		4	М	1.54	44	44
Average	10	- 2	М	1.79	"	•	July 1880	10	1 1	M	1.66 <u>1</u> 1.75	"	66
July 1873	10 10	1 1	M M	1.83½ 2.00	"	"	Average	-	2	м	1.701		**
Average	10	2	M	1. 913	"	44	Jan. 1881	10 10	1 1	M	1.661 1.75	44	66
Jan. 1874	10 10	1	M M	1.831 2.00	"	"	Averag	l	2	M	1.701		"
Average	10	2	М	1.91	"	44	July 1881	10	1	M	1.661	"	"

METALS AND METALLIC GOODS: ESTABLISHMENT No. 66, NEW YORK—Continued.

CUPOLAMEN-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of	wages.
Jan. 1882 July 1882	10 10	1 2	M M	\$1.66½ per day. 1.66½ '' ''	Jan. 1888	10 10	2 1	M M	\$1.66½ 1.75	pei	day.
Jan. 1883	10 10	1 2	M M	1.50 " " 1.66½ " "	Average	10	3	м	1.694	44	44
Average	10	3	м	1.61 ""	July 1888	10 10 10	$\begin{array}{c}1\\2\\1\end{array}$	M M M	1.50 1.661 1.75	11	"
July 1883	10 10	$\frac{1}{2}$	M M	1.50 "" ""	Average	10	4	M	1. 641	11	"
Average	10	3	M	1.61 ""	Jan. 1889	10	1	M	1.50	6.6	44
Jan. 1884	10 10	1 2	M M	1.50 " " 1.66½ " "		10 10	2 1	M M	1.66½ 1.75	11	11
Average	10	3	M	1.61 ""	Average	10	4	М	1,645	41	**
July 1884	10 10	· 1	M M	1. 25 " ". 1. 66½ " "	July 1889	10 10 10	1 2 1	M M M	1.50 1.66½	11	46 44
Average	10	3	М	1.521 " "	A worse go	10	4		1.75	66	. 1
Jan. 1885	10	2	М	1.661 " "	Average	10	*	311	1.049		
July 1885	10 10	$\frac{1}{2}$	M M	1. 25 " " 1. 66½ " "	Jan. 1890	10 10 10	1 3 1	M M M	1.50 1.66½ 1.75	11	11
\mathbf{A} verage	10	3	м	1.521 " "	Average	10	5	M	1. 65	66	66
Jan. 1886	10 10	$\frac{2}{2}$	M	1. 25 " " 1. 66½ " "	July 1890	10	- 1 3	м	1.50	"	66
Average	10	4	M	1.451 " "		10 10	1	M M	1.66½ 1.75	44	**
July 1886	10 10	2 3	M M	1.50 " " 1.664 " "	Average	10	5	М	1.65	ù	и
A verage	10	5	M	1.60 " "	Jan. 1891	10 10	1 3	M M	1.50 1.661	46	44 11
Jan. 1887	10 10	2 3	M	1.50 " " 1.66½ " "	Average	10	5	M	1. 75	54	44
Average	10	5	M	1.60 " "	, ,						
July 1887	10 10	$\frac{2}{1}$	M M	1.66½ " " 1.75 " "	July 1891	10 10 10	1 3 1	M M M	1.50 1.661 1.75	66	66 66
Average	10	3	м	1.691 " "	Average	10	5	<u>M</u>	1.65	66	4.6

ENGINEERS.

July 1858 Jan. 1859 July 1859 Jan. 1860 July 1860 Jan. 1861 July 1861 Jan. 1862 July 1863 July 1863	10 10 10 10 10 10 10 10 10	1 1 1 1 1 1 1	M M M M M M M M	1.00 per day. 1.00 " " " 1.00 " " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00	July 1868 Jan. 1869 July 1869 Jan. 1870 July 1870 Jan. 1871 July 1871 Jan. 1872 July 1872 July 1872	10 10 10 10 10 10 10 10 10	1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M	1. 66½ " " 1. 66½ " " 1. 66½ " " 1. 66½ " " 1. 66½ " " 1. 66½ " " 1. 66½ " " 1. 66½ " " 2. 00 " "
July 1864 Jan. 1865 July 1865 Jan. 1866 July 1866 Jan. 1867 July 1867 Jan. 1868	10 10 10 10 10 10 10	1 1 1 1 1 1 1	M M M M M M M	1.50 " " " 1.50 " " 1.50 " " 1.50 " " 1.50 " 1.50 " 1.50 " 1.50 " 1.50 " 1.50 " 1.60 " 1.60 " " 1.60 " " 1.60 " " 1.60 " " 1.60 " " " 1.60 " " " 1.60 " " " " 1.60 " " " " " " " " " " " " " " " " " " "	Jan. 1874 July 1874 Jan. 1875 July 1875 Jan. 1876 July 1876 Jan. 1877 July 1877 July 1877 Jan. 1878	10 10 10 10 10 10 10 10	1 M 1 M 1 M 1 M 1 M 1 M 1 M	2.00 "" "" "" "" "" "" "" "" "" "" "" "" "

METALS AND METALLIC GOODS: ESTABLISHMENT No. 66, NEW YORK—Continued.

ENGINEERS-Concluded.

				15301315151	to-Concumen	L+,					
Payroll of-	Hours per day.	Different employés.	Sex.	Rate of wages	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of w	ages.
July 1878 Jan. 1879 July 1879 Jan. 1880 July 1880 July 1880 July 1881 Jan. 1882 July 1882 Jan. 1883 July 1883 July 1883 July 1884 July 1884	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M M M M M M M M	\$2.00 per day. 1.604 " 1.605 " " 1.605 " " 1.605 " " 1.605 " " 1.605 " " 1.605 " " 1.605 " " 1.605 " " 1.605 " " 1.605 " " 1.605 " " 1.605 " " 1.605 " " 1.605 " "	July 1885 Jan. 1886 July 1886 July 1887 July 1887 July 1888 July 1888 July 1889 July 1890 July 1890 July 1890 July 1891	10 10 10 10 10 10 10 10 10 10 10 10 10	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M M M M M M M M	\$1. 66½ 1. 66½ 1. 66½ 1. 66½ 1. 66½ 1. 66½ 1. 66½ 1. 66½ 2. 25 2. 25 2. 25		ay.
	'	,		FORE	IEN, YARD.	,	·	1	'		
July 1881 Jau. 1882 July 1882 Jan. 1883 July 1883 Jan. 1884 July 1884 July 1885 July 1885 July 1886	10 10 10 10 10 10 10 10 10 10 10	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M	2.00 per day. 2.00 "" " 2.00 " " 2.00 " " 2.00 " " 2.00 " " 2.00 " " 2.00 " " 2.00 " " 2.00 " " 2.00 " " 2.00 " " 2.00 " " 2.00 " " 2.00 " "	Jan. 1887 July 1887 Jan. 1888 July 1888 Jan. 1889 July 1889 Jan. 1890 July 1890 July 1891 July 1891	10 10 10 10 10 10 10 10 10 10	1 1 1 1 1 1 1 1	M M M M M M M M M	2. 25 2. 50 2. 50 2. 50 2. 50 2. 50 2. 50 2. 50 2. 50 2. 50 2. 50	per d	lay.
		,		LA	BORERS.		-				
July 1858 Jan. 1859 July 1859 Jan. 1860 July 1860 Jan 1861	10 10 10 10 10 10	7 6 6 6 6 5	M M M M M	.83½ per day. .83½ " " .83½ " " .83½ " " .83½ " "	July 1864	10 10 10 10	1 10 1	M M M M	. 75 1. 331 1. 371 1. 50	perd	lay.
Jan. 1862	10 10 10	1 5 1	M M M	.50 " " " .83½ " " " 1.00 " " "	Jan. 1865	10	9	M	1. 37½ 1. 50	46	**
▲verage	10	7	М	. 81 '' ''	Average	10	10	M	1.381	14	"
July 1862	10	1 12	M	.661 " "	July 1865	10	1	M	1. 50	**	
Average	i	13	M	.82 ""	Average	i	8	M	1.39	44	66
Jan. 1863	10 10	10 1	M M	.831 " "	Jan. 1866	10 10	5	M	1.50	6.6	"
Average	-	11	M	.84 ""	Average	l	6	M	1.391	46	46
July 1863	1 10	5	M	.831 " "	July 1866	10 10	6	M	1. 37 ¹ / ₁ 1. 50	44	44
	10 10 10	1 4 1	M M M	1. 16½ " " 1. 33½ " "	Average		7	М	1.391	44	44
Average		11	M	1.011 " "	Jan. 1867	10	7	M	1.371	44	16
Jan. 1864	10	1	M M	. 58½ " " 1. 00 " "	July 1867	10 10	10	M	1.58	44	4.4
	10 10 10	1 3	M	1.081 " " 1.121 " "	Average	10	11	M	4.51	46	44

Jan. 1868 July 1868 Jan. 1869

12 M 1.041

METALS AND METALLIC GOODS: ESTABLISHMENT No. 66, NEW YORK—Continued.

LABORERS-Continued.

	Payroll of—	Honrs per day.	Different employés.	Sex.	Rate	of v	wages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of v	wages.
	July 1869 Jan. 1870 July 1870	10 10 10	13 13 14	M M M	\$1.50 1.50 1.50	"	day.	Jan. 1878	10, 10	9	M M	1. 50	**	day.
	Jan. 1871	10	11	M	1.50	"	44	Average	. 10	10	M	1. 27	44	66
	July 1871	10 10	13	M	1.50 2.00	44	**	July 1878	10 10	9 1	M M	1. 25 1. 50	66	4.6 4.6
	\mathbf{A} verage	10	14	M	1.531	16	44	Average	10	10	M	1. 271	4.6	**
	Jan. 1872	10 10 10	9 1 1	M M M	1.50 1.58½ 1.75	66	66	Jan. 1879; July 1879	10 10	8	M	1. 25 1. 25	"	66
	Average	10	11	М	1.53	44	44	Jan. 1880.	10	10	M	1. 25	"	44
	July 1872	10	1	M	1.50	16	44		10	2	_M_	1.50	**	44
		10 10	3 9	M M	1.62½ 1.75	44	44	Average	10	12	M	1.29		44
-	Average	10 10	13	M M	1.70 1.62½	44	44	July 1880	10 10	9 1	M M	1. 25 1. 50	44	66 66
	Jan. 1873	10 10 10	9	M M	1.75 1.831	66	44	Average	10	10	м	1. 271	"	**
	Average	10	13	M	1. 73	46	"	Jan. 1881	. 10 . 10	9 1	M M	1.25 1.50	"	"
	July 1873	10 10	3 8	M	1.62½ 1.75	2.6 6.6	e e e e	Average	·10	10	M	1.271	66	66
		10 10	. 1	M	1.83½ 2.00	44	66	July 1881:	10 10	16 2	M M	1. 25 1. 50	"	44
	Average	10	13	М	1.741	46	44	Average	10	18	м	1. 28	44	**
	Jan. 1874	10 10 10	3 9 1	M M M	1.62½ 1.75 1.83½	6 8'	46 46	Jan. 1882	10 10	9 1	M M	1. 25 1. 50	"	66
	Average	10	13	M	1. 73	64	**	Average	10	10	м	1. 271	, "	"
	July 1874	10 10	3 10	M M	1.62½ 1.75	66	44	July 1882	10 10	7 2	M M	1. 25 1. 50	**	64 66
	Average	10	13	M	1.72	4.6	* *	Average	10	9	М	1.301	**	44
•	Jan. 1875	10 10	2 6	M	1. 62½ 1. 75	14	44	Jan. 1883 July 1883.	10 10	9 10	M M	1.50 1.50	66	64
	Average	10	8	M	1.72	64	66	Jan. 1884.	10 10	8 2	M M	1.25 1.50	64	46
	July 1875	10	8	M	1.50	44	**	Average	10	10	<u>M</u>	1.30	14	44
	Jan. 1876	10 10 10	8 1 1	M M M	1. 12½ 1. 25 1. 50	64 44	6 6 6 6	July 1884	10 10	11 2	M M	1, 25 1, 50	**	46
	Average	10	10	M	1.171	44	**	Average	10	13	м	1. 29	**	66
	July 1876	10 10	9 1	M M	1. 25 1. 50	44 -	44	Jan. 1885	10 10	11	M M	1. 12½ 1. 25	, 44	46
	Average	10	10	M	1, 271	4.6	61	1	10	2	М_	1.50	44	
	Jan. 1877	10 10	10 1	M M	1. 25 1. 50	44	66	July 1885	10	14	M M	1. 18½ 1. 16½	"	46
	Average	10	11	м	1. 271	**	64		· 10	9 2	M M	1. 25 1. 50	4	44
	July 1877	10 10	. 9	M M	1. 25 1. 50	44	16	Average	10	12	М	1. 281	44	44
	Average	10	10	M	1. 271	64	64	Jan. 1886	10	11	M M	$1.16\frac{1}{2}$ 1.25	66	66

METALS AND METALLIC GOODS: ESTABLISHMENT No. 66, NEW YORK—Continued.

LABORERS-Concluded.

Payroll of -	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
Jan. 1886- conc'd. Average	10	1 13	M	\$1,50 1,263	per	day.	July 1988	10 10	1 19	M M	\$1.25 1.50	per	day.
July 1886 Jan. 1887	10 10	17 19	M M	1.50 1.50	41	"	A verage Jan. 1889	10 10	20 1	M M	1. 48½	64	44
July 1887	10 10	1 20	M M	1. 25 1. 50	11	44	Average	10	17	M	1.50	64	44
Average Jan. 1888	10 10 10	21 1 18	M M M	1. 49 1. 25 1. 50	46	46 66	July 1889 Jan. 1890 July 1890	10 10 10	16 17 15	M M M	1.50 1.50 1.50	66	66 66
Average		19	M	1. 481	64		Jan. 1891 July 1891	10 10	13 11	M	1.50 1.50	44	14

MACHINISTS.

July 1858 Jan. 1859 July 1859	10 10 10	1 1 1	M M M	1.00 1.12½ 1.12½	per	day.	Jan. 1880	10 10	1 1	M M	1.75 2.50	per "	day.
Jan. 1860	10 10	1	M	$1.12\frac{1}{2}$ $1.12\frac{1}{3}$	66	44 =	Average	10	2	M	2. 121	44	4.6
July 1860 Jan. 1861 July 1861	10 10	1	M M	$1.12\frac{1}{2}$ $1.12\frac{1}{2}$	44	66 66	July 1880	10 10	1	M M	1.75 2.50	44	44
Jan. 1862 July 1862	10	1	M M	$1.12\frac{1}{2}$ $1.12\frac{1}{2}$	4.5	4.6	Average	10	2	М	2. 12	"	**
Jan. 1863	10 10	1	M M	1.33½ 1.75	66	44	Jan. 1881	10 10	1	M M	1.75 2.50	66	16
Average	10	2	M	1.541	6.6	**	Average	10	2	М	2. 121	41	66
July 1863 Jan. 1864	10 10	1 1	M M	1.33½ 1.50	66	66	July 1881	10 10	1 1	M M	1.75 2.50	44	11
July 1864 Jan. 1865	10	1 1	M M	1.83½ 1.83½	44	44	Average	10	2	м	2. 121	"	4.6
July 1865 Jan. 1866 July 1866	10 10 10	1 1	M M M	1.831 1.831 1.831	46	44	Jan. 1882 July 1882	10 10	1 1	M M	2, 50 2, 50	46	66
Jan. 1867 July 1867	10	1 1	M	1.83½ 2.25	66	44	Jan. 1883 July 1883	10 10	1	M	2.50 2.50	44	66
Jan. 1868	10	1	M M	2, 25 2, 25	66	66	Jan. 1884 July 1884	10	1	M M	2.50 2.50	44	66
July 1868 Jan. 1869	10 10	1	M	2. 25	46	44	Jan. 1885 July 1885	10 10	1 1	M	2.50	11	64
July 1869 Jan. 1870	10 10	1 1	M	2. 25 2. 25	4.6	66	Jan. 1886	10	1	M	2, 50	46	6.6
July 1870 Jan. 1871 July 1871	10 10 10	1 1 1	M M M	2, 25 2, 25 2, 25	66	16	July 1886	10 10	1. 1	M. M.	2. 25 2. 50	11	44
Jan. 1872 July 1872	10	1	M	2. 25 2. 50	44	44	Average	10	2	M	2.371	**	**
Jan. 1873 July 1873	10 10	1	M M	2.00 2.50	44	66	Jan. 1887	10 10	1	M	2.00 2.50	66	44
Jan. 1874 July 1874 Jan. 1875	10 10	1	M M M	2.50 2.50 2.50	16	44	Average	10	2	M	2. 25	46	**
July 1875 Jan. 1876	10 10 10	1 1 1	M	2.50 2.50	16	46	July 1887	10	1 1	M	2.00 2.50	"	44
July 1876 Jan. 1877	10 10	1 1	M	2.50 2.50	44	16	Average	10	2	M	2. 25	44	46
July 1877 Jan. 1878	10 10	1	M	2, 50	46	66 66	Jan. 1888	10	1	м	2.50	**	14
July 1878 Jan. 1879	10 10	1	M	2.50 2.50	44	"	July 1888 Jan. 1889	10 10	1	M	2, 50	**	66 64 64
July 1879	10	1	М	1.75	14	66	July 1889 Jan. 1890	10	1 1 1	M M M	2.50 2.50 2.50	16	44
A	10	1	M	2.50	14	46	July 1890 Jan. 1891	10 10	1 1	M M	2.50	11	"
Average	10	2	M	2.125		••	July 1891	10		ш.	2.00		

10

M 1.581

Average

TABLE XIL-BATES OF WAGES FOR 52 YEARS-Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 66, NEW YORK—Continued.

MACHINISTS' HELPERS.

, , , , , , , , , , , , , , , , , , , 													
Payroll of -	Hours per day.	Different employés		Rate	of	wages.	Payroll of-	Bours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1881 Jan. 1882 July 1882 Jan. 1883 July 1883 Jan. 1884 July 1884 Jan. 1885 July 1885 July 1886	10 10 10 10 10 10 10 10 10 10	1 1 1 1 1 1 1 1	M M M M M M M M M	\$1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25	pen	r day.	Jan. 1887 July 1887 Jan. 1888 July 1888 Jan. 1889 Jan. 1890 July 1890 Jan. 1891 July 1891	10 10 10 10 10 10 10 10 10	1 1 1 1 1 1 1 1	M M M M M M M	\$1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25 1. 25	per ***	day.
						TEA	MSTERS.						
July 1858 Jan. 1859	10 10 10	1 2 1	M M M	1.00 1.00 1.00	per	day.	Jan. 1873	10 10	1 1	M M	1.50 1.75	per "	day.
July 1859 Jan. 1860 July 1860 Jan. 1861	10 10 10	1 1	M M M	1.00 1.00 1.00	6 E	44 44	Average	10	_ 2	М	1. 621	**	66
July 1861 Jan. 1862 July 1862	10 10 10	1 1 1	M M M	1.00 1.00 1.00	64 64	44 44	July 1873	10 10	1 1	M M	1. 50 1. 75	44	"
Jan. 1863 July 1863 Jan. 1864	10 10 10	1 1 1	M M M	1.00 1.00 1.161	64 64	66 66	Average	10	2	М	1.623	44	"
July 1861 Jan. 1865 July 1865	10 10 10	1 1	M M M	1. 41½ 1. 41½ 1. 41½	6 6 6 6 6 6	46 46	Jan. 1874	10	1	M	1.50 1.75	66	46
Jan. 1866 July 1866 Jan. 1867	10 10 10	1 1 2	M M M	$ \begin{array}{c c} 1.41\frac{1}{2} \\ 1.41\frac{1}{2} \\ 1.41\frac{1}{2} \end{array} $	66	**	Average July 1874	10	2 1	M	1.62½	61	**
July 1867	10 10	1 2	M	1.41½ 1.50	\$ 6 6 6	**	Average	10	2	M	1.75 1.62½	**	"
Average Jan. 1868	10 10	3 2	M M	1. 47 1. 50	66	66	Jan. 1875	10 10	, 1 1	M M	1.50 1.75	44	44
July 1868	10 10	1 1	M M	1.50 1.66½	44	64 66	Average	10	2	М	1. 621	"	**
Average	10	2	M	1.581	44	66	July 1875	10 10	1	M M	1.50 1.75	"	"
Jan. 1869 Average	10	$\frac{1}{1}$	M M M	1.50	**	"	Average	10	2	M	1.621	11	44
July 1869 Jan. 1870	10 10 10	1 1	M M	1.58½ 1.50	44	"	Jan. 1876	10	1 1 2	M M	1. 50	44	
July 1870	10 10	1 1	M	1.50	66	44	Average July 1876	10	1	м	1. 621	14	££
Average	10	2	м	1.581	6.6	46	Average	10	2	M M	1.75	"	**
Jan. 1871	10 10	1	M	1.50 1.66½	44	44	Jan. 1877	10 10	1	M	1. 50 1. 75	44	"
Average July_1871	10	2	M	1.58½ 1.50		"	Average	10	2	M	1. 62	44	44
Average	10	2	м 	1.661	**	**	July 1877	10 10	1 1	M M	1.50 1.75	"	44
Jan. 1872	10	1	М	1.50	**	44	Average	10	2	М	1. 621	44	"
July 1872	10 10	1 1	M	1.50 1.66½	**	14	Jan. 1878	10 10	1 1	M M	1.50 1.75	46	11

Average

10

M | 1.621

METALS AND METALLIC GOODS: ESTABLISHMENT No. 66, NEW YORK—Concluded.

TEAMSTERS -Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
July 1878	10 10	1	M M	\$1.50 per day.	July 1881	10 10	1 2	M M	\$1. 25 1. 50	per	đay.
Average	10	2	М	1.621 " "	Average	10	3	М	1.411	44	14
Jan. 1879	10 10	1 1	M M	1. 25 " " 1. 50 " "	Jan. 1882	10 10	1 2	M M	1.25 1.50	14	46
Average	10	2	M	1.371 " "	Average	10	3	M	1.411	44	66
July 1879	10 10	1 1	M M	1. 25 " " 1. 50 " "	July 1882 Jan. 1883	10 10	3	M M	1.50 1.50	44	44
Average	10	2	М	1. 371 " "	July 1883 Jan. 1884	10 10 10	3 2	M	1.50 1.50	11	44
Jan. 1880	10 10	1 2	M M	1. 25 " " 1. 50 " "	July 1884 Jan. 1885 July 1885	10 10	2 2 2 2 2	M M M	1.50 1.50 1.50	66	66
Average	10	3	М	1.411 " "	Jan. 1886 July 1886 Jan. 1887	10 10 10	3	M M M	1.50 1.50	16	44
July 1880	10 10	1 2	M M	1.25 " " 1.50 " "	July 1887 Jan. 1888	10 10	3 3 2	M	1.50 1.50 1.50	66	44 44
Average	10	3	M	1,411 " "	July 1888 Jan. 1889	10	2	M	1.50 1.50	44	4.6
Jan. 1881	10 10	1 2	M M	1. 25 " " 1. 50 " "	July 1889 Jan. 1890 July 1890	10 10	2 2 2 2 2 2	M M M	1.50 1.50 1.50	11	61 64 66
Average	10	3	М	1.411 " "	Jan. 1891 July 1891	10 10	2	M	1.50 1.50		"

WATCHMEN.

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July 1858 Jan. 1859 July 1859	12 12 12	1 1 1	M M M	. 71½ . 85½ . 85½	per	day.	July 1875 Jan. 1876 July 1876	12 12 12	1 1	M M M	1. 28½ 1. 28½ 1. 28½	per (day.
Jan. 1860	$\tilde{12}$	î	M	. 851	66	44	Jan. 1877	12	1 1 1	$\overline{\mathbf{M}}$	1. 281	6.6	4.6
July 1860	12	ī	M	. 85%	4.6	44	July 1877	12	î	$\overline{\mathbf{M}}$	1. 28%	6.6	6.6
Jan. 1861	12	ī	M	. 85 %	6.6	66	Jan. 1878	12	ī	$\overline{\mathbf{M}}$	1. 28	4.6	8.6
July 1861	12	1	M	851	6.6	64	July 1878	12	1	M	1. 28	4.5	4.6
_Jan. 1862	12	1	M	. 85%	4.6	4.6	Jan. 1879	12	1	M	1.07	6.6	6.6
July 1862	12	1	M	. 85 1	4.6	44	July 1879	12	1	M	1.07	4.6	4.6
Jan. 1863	12	1 1	M	. 85 <u>1</u>	4.6	4.6	Jan. 1880	12	1	M	1.07	4.4	4.6
July 1863	12	1	\mathbf{M}	1.00	6.6	1.6	July 1880	12	1	M	1.07	6.6	6.6
Jan. 1864	12	1	M	. 85 <u>1</u>	6.6	4.6	Jan. 1881	12	1	М	1.07	6.6	44
July 1864	12	1	M	1.00	1.1		July 1881	12	1	M	1.07	6.6	66
Jan. 1865	12	1	M	1.00	4.4	44	Jan. 1882	12	1	M	1.211	6.6	44
July 1865	12	1	М.	1.00	11	11	July 1882	12	1	М	$1.28\frac{1}{2}$	4.6	61
Jan. 1866	12	1	M	1.00	4.6	66	Jan. 1883	12	1	M	1. 28	66	14
July 1866	12	1	M	1.00		44	July 1883	12	1	M	$1.28\frac{7}{2}$		11
Jan. 1867	12	1	M	1. 14	6.6	6.6	Jan. 1884	12	1	M	$1.28\frac{1}{2}$	44	44
July 1867	12	1	M	1.21	6.6	16	July 1884	12 .	1	M	$1.28\frac{1}{2}$	66	66
Jan. 1868	12	1	M	$1.21\frac{1}{2}$	4.4	**	Jan. 1885	12	1	M	$1.28\frac{1}{2}$	6.6	66
July 1868	12	1	М	1. 21	14	66	July 1885	12	1	M	1. 28½	4.5	14
Jan. 1869	12	1	M	1, 21	64	66	Jan. 1886	12	1	M	1. 28	66	66
July 1869	12	1	M	1. 211	4.6	66	July 1886	12	1	M	1. 28	4.6	
Jan. 1870	12	1	M	1.21	66	44	Jan. 1887	12	1		1. 281	4.6	66
July 1870	12	1	M	$1.21\frac{7}{2}$	66	**	July 1887	12	1	M	$1.28\frac{1}{2}$ 1.50	6.6	6.6
Jan. 1871	12	1	M	$1.21\frac{1}{2}$		66	Jan. 1888	12	1	M	1.50	66	44
July 1871	12	1	M	1. 21	66	44	July 1888	12	1	M	1, 50	66	44
Jan. 1872	12	1	M	1. 21	66	46	Jan. 1889	12	1	M	1, 50	66 -	66
July 1872	12	1	M	$1.28\frac{1}{9}$	66	66	July 1889	12	1	M	1, 50	64	16
Jan. 1873	12	1	M	$1.28\frac{1}{2}$	66	44	Jan. 1890	12	1	M	1.50	6.6	44
July 1873	12	1	M	1.281	66	66	July 1890	12 12	1	M	1.50	66	44
Jan. 1874	12	1	M	$1.28\frac{1}{2}$	66	44	Jan. 1891	12	1	M	1.50	66	44
July 1874	12	1 1	M	1.281		66	July 1891	12	1		1,00		
Jan. 1875	12	1	М	1. 281	••	••	1						
		l	١٠	l							1		

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK.

BLACKSMITHS...

Payroll Payr														
July 1846 10		per	Dinerent	Sex.	Rate	of	wages.		per	Different	Sex.	Rate	of	wages.
Average	July 1846 Jan. 1847	10 10	1 1	M	1. 25 1. 25	6.6	44	July 1868 Jan. 1869	10 10 10	1 1 1	M M M	3. 25 3. 25 3. 50	64	11
Average	Jan. 1848							July 1870 Jan. 1871	10 10	1	M M	3.50 3.50	44	**
July 1848 10	Average	10	2	M	1.37	"	41	Jan. 1872	10	1	M	3.50	46	44
Jan. 1851 10	July 1849 Jan. 1850 July 1850	10 10	1	M	1.50 1.50	44	66	Jan. 1873 July 1873 Jan. 1874	10 10 10 10	1 1 1 1	M M M M	3. 75 3. 75 3. 75 3. 75	23 23	46 46 46
Tuly 1851	Jan. 1851							July 1875 Jan. 1876	10 10	. 1	M M	3.75 3.75	66	44
Average 10 2 M 1.75 " " July 1873 10 1 M 3.50 " " July 1873 10 1 M 3.50 " " July 1879 10 1 M 3.50 " " July 1879 10 1 M 3.50 " " July 1879 10 1 M 3.50 " " July 1879 10 1 M 3.50 " " July 1879 10 1 M 3.50 " " July 1880 10 1 M 3.50 " " July 1880 10 1 M 3.50 " " July 1881 10 1 M 3.50 " " July 1881 10 1 M 3.75 " " July 1881 10 1 M 3.75 " " July 1881 10 1 M 3.75 " " July 1881 10 1 M 3.75 " " July 1881 10 1 M 3.75 " " July 1881 10 1 M 3.75 " " July 1881 10 1 M 3.75 " " July 1881 10 1 M 3.50 " " July 1882 10 1 M 3.50 " " July 1882 10 1 M 3.50 " " July 1883 10 1 M 3.50 " " July 1885 10 1 M 1.87½ " " Average 10 2 M 3.00 " " July 1885 10 1 M 1.87½ " " Average 10 2 M 3.00 " " July 1885 10 1 M 1.87½ " " Average 10 2 M 3.00 " " July 1885 10 1 M 1.87½ " " Average 10 3 M 3.25 " " July 1885 10 1 M 1.87½ " " Average 10 2 M 3.50 " " July 1885 10 1 M 1.87½ " " Average 10 2 M 3.50 " " July 1885 10 1 M 1.87½ " " Average 10 2 M 3.50 " " July 1885 10 1 M 1.75 " " Average 10 2 M 3.50 " " July 1885 10 1 M 1.75 " " Average 10 2 M 3.50 " " July 1885 10 1 M 1.75 " " Average 10 2 M 3.50 " " July 1885 10 1 M 1.75 " " Average 10 2 M 3.50 " " July 1885 10 1 M 1.75 " " Average 10 2 M 3.50 " " July 1885 10 1 M 1.75 " " Average 10 2 M 3.50 " " July 1885 10 1 M 1.75 " " Average 10 2 M 3.50 " " July 1885 10 1 M 1.75 " " Average 10 2 M 3.50 " " July 1885 10 1 M 1.75 " " Average 10 2 M 3.50 " " July 1885 10 1 M 1.75 " " Average 10 2 M 3.50 " " July 1885 10 1 M 1.75 " " July 1885 10 1 M 1.75 " " July 1885 10 1 M 1.75 " " July 1885 10 1 M 1.75	Average	10	2	м	1.563	66	44	Jan. 1877	10	1	M	3.50	44	44
Jan. 1852 10	July 1851				1. 62½ 1. 75			Jan. 1878 July 1878	10 10	1	M M	3.50 3.50	44	66
Jan. 1852	Average	10	3	М	1.71	44	**	July 1879.	10	1	M	3, 25	66	44
Average	Jan. 1852	10	2	M	1. 625		4.4	July 1880 Jan. 1881 July 1881	10 10 10	1 1 1	M M M	3.50, 3.50 3.75	- 11	"
July 1852 10	Average	10	4	М	1.591	44	4.6					_		
Average 10 4 M 1.59½ Jan. 1883 10 1 M 2.50 Jan. 1883 10 1 M 2.75	July 1852	10	2	м	1.621	6.6	4.6		10	1	M	.3. 25	66	44
Jan. 1853 10	Average	10	4	м		14	F 64		1				44	**
Average 10 3 M 1.62½ " July 1883 10 1 M 2.75 " Image: Control of the control of	Jan. 1853	10	1	M	1.62	4.6	61		10	1	м	8. 50	44	44
July 1853 10	A verece							".		- 1	i	_		
Average 10	-	10	1	м	1.50	11	44		10	1	М.	3. 25	66	44
Jan. 1854 10 1 M 1.87½ " July 1854 10 1 M 1.87½ " Average 10 1 M 3.00 " Jan. 1855 10 1 M 1.87½ " Average 10 3 M 3.00 " July 1855 10 1 M 1.87½ " July 1856 10 1 M 1.87½ " July 1856 10 1 M 1.87½ " July 1884 10 1 M 2.75 " Jan. 1857 10 1 M 1.87½ " Average 10 1 M 2.75 " Jan. 1858 10 1 M 1.87½ " Average 10 2 M 3.25 " July 1859 10 1 M 1.75 " Jan. 1885 10 1 M 2.50 "	Average							_ 1						
July 1856 10	Jan. 1854	10	1	м	1.871	"	*	Jan. 1884	10	1	M	3.00	4.6	
July 1856 10 1 M 1.87½ " July 1884 10 1 M 2.75 " July 1887 10 1 M 1.87½ " July 1887 10 1 M 1.87½ " Average 10 1 M 2.75 " " Jan 1858 10 1 M 1.87½ " Average 10 2 M 3.25 " Jan 1859 10 1 M 1.75 " Jan 1885 10 1 M 2.75 " Jan 1886 10 1 M 2.75 " Jan 1885 10 1 M 2.75 " Jan 1885 10 1 M 2.75 " Jan 1886 10 1 M 2.75 " Jan 1885 10 1 M 2.75 " Jan 1885 10 1 M 2.75 " Jan 1885 10 1 M 2	Jan. 1855 July 1855	10	1	M	1. 87± 1. 87±			Average	10	3	M	3.00	44	**
Jan. 1858 10 1 M 1.87½ " Average 10 2 M 3.25 " Jan. 1859 10 1 M 1.75 " Jan. 1885 10 1 M 2.50 " July 1859 10 1 M 1.75 " Jan. 1885 10 1 M 2.75 " July 1860 10 1 M 1.75 " Jan. 1881 10 1 M 2.75 " Jan. 1861 10 1 M 1.75 " Average 10 3 M 2.83½ " July 1861 10 1 M 1.75 " Average 10 3 M 2.83½ " July 1862 10 1 M 1.75 " Average 10 1 M 2.87½ " July 1862 10 1 M 1.75 " July	Jan. 1856 July 1856 Jan. 1857	10 10	1 1 1	M M M	1.871	44	66	July 1884						
July 1859 10 1 M 1.75 " Jan. 1885 10 1 M 2.50 " Jan. 1885 10 1 M 2.50 " " Jan. 1860 10 1 M 1.75 " " 10 1 M 2.575 " " Jan. 1861 10 1 M 1.75 " " Average 10 3 M 2.83½ " " Jan. 1862 10 1 M 1.75 " " Average 10 1 M 2.83½ " " July 1862 10 1 M 1.75 " " July 1885 10 1 M 2.87½ " " July 1862 10 1 M 1.75 " " July 1885 10 1 M 2.87½ " " July 1862 10 1 M 1.83 " July 1885 10 1 M 2.27½ " July 1885 10	Jan. 1858	10	1	M	1.873	66	11	Average	10	2	π	3. 25	**	**
Jan. 1861 10	July 1859 Jan. 1860	10 10 10	1	M M M	1.75 1.75 1.75	**	44	Jan. 1885	10		м	2.50 2.75 3.25		44
Jan. 1862 10 1 M 1.75 " " July 1862 10 1 M 1.75 " " July 1863 10 1 M 1.83 " July 1863 10 1 M 1.83 " Jan. 1804 10 1 M 2.00 " Average 10 2 M 3.06½ " Jan. 1805 10 1 M 2.75 " " Jan. 1886 10 1 M 2.50 " July 1805 10 1 M 2.62½ " " Jan. 1886 10 1 M 3.00 " Jan. 1887 10 1 M 2.75 " " 10 1 M 3.00 "	Jan. 1861		1	M	1.75			Average	10	3	М	2. 83 <u>1</u>	"	**
Jan. 1864 10 1 M 2.00 " Average 10 2 M 3.06½ " July 1864 10 1 M 2.75 " Jan. 1886 10 1 M 2.50 " July 1865 10 1 M 2.62½ " Jan. 1886 10 1 M 2.50 " July 1866 10 1 M 2.75 " Jan. 1886 10 1 M 3.00 " Jan. 1887 10 1 M 3.00 " Jan. 1886 10 1 M 3.25 "	July 1862 Jan. 1863	10 10 10	1 1 1	M M M	1.75 1.75	66 66	**	July 1885				2.87½ 3.25		
Jan. 1865 10 1 M 2.75 " " Jan. 1886 10 1 M 2.50 " " July 1866 10 1 M 2.62 " " 10 1 M 3.00 " Jan. 1887 10 1 M 3.00 " " 10 1 M 3.25 "	Jan. 1864	10	1	M	2.00	66	44	Average	10	2	M.	$3.06\frac{1}{2}$	44	**
Dall, 1007 10 1 M 3.00 " "	Jan. 1865 July 1865 July 1866	10 10 10	1 1 1	M M M	2. 75 2. 62½ 2. 75	44	44 44	Jan. 1886	10	1]	M	3.00.		44
								Average					44	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

BLACK/SMITHS-Concluded.

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Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	rages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	rages.
July 1886	10 10 10	1 1 1	M M M	\$2.37\\\ 3.00\\\ 3.25\\	per	day.	Jan. 1889	10 10	1 1 2	M M M	\$3.00 3.40 3.20	per	day.
Average	10	3	M	2.871	44	86	Average	10			0.20		
Jan. 1887	10 10	1 1	M	3.00 3.25	66	46	July 1889 Jan. 1890	10 10	2 2	M M	3.00 3.00	66	46
Average	10	2	М	3. 123	4.6	**	July 1890	10 10	1	M	2. 25 2. 621	16	66
July 1887	10 10	1 1	M	3. 00 3. 25	44	44		10	1	M	3. 00	**	46
Average	-	2	м	3. 121	44	44	Average		3	M	2.621	**	4.
Jan. 1888	10 10	1	M	2.50	44	46	Jan. 1891	10 10 10	1 1 1	M M M	2. 25 2. 75 3. 00	66	66
	10	1	M	3. 25	16	66	Average	10	3	M	2. 661	**	"
Average	10	3	M	2. 911			July 1891	10	1	М	2. 25	44	**
July 1888	10 10	1	M	3. 00 3. 40	44	44		10	1	M M	2. 75 3. 00	16	11
Average	10	2	M	3. 20	44	44	Averag	10	3	M	2.66	46	44

BLACKSMITHS' HELPERS.

3													
, .	Jan. 1846 July 1846 July 1849	10 10 10	1 1 1	M M M	.68 per .68 "	day.	July 1854	10 10 10	1 1 1	M M M	. 87½ 1. 00 1. 12½	per	day.
	Jan. 1850	10 10	1	M M	. 68 '' . 75 ''	44 46	Average	10	3	M	1.00	66	44
	Average	10	2	м	.71½ "	64	Jan. 1855	10 10	$\begin{bmatrix} 2\\1 \end{bmatrix}$	M M	.87½ 1.25	44	46
- %	July 1850	10 10	1 1	M M	.75 " .87½ "	46	Average	10	3	М	1.00	4.6	41
	Average	10	2	М	. 811 "	44	July 1855	10 10	2 1	M M	$1.87\frac{1}{2}$	16	44
	Jan. 1851	10	1	М	. 87½ ''	**	Average	10	3	M	1.00	"	"
5	July 1851	10 10	1	M M	1.00 "	66	Jan. 1856	10 10	· 2	M	. 87½ 1. 00	46	44
	Average	10	2	М	. 931 11	41	Average	10	3	М	. 911	44	44
	Jan. 1852	10 10 10	1 2 1	M M M	.75 " .87½ " 1.00 "	66 46	July 1856	10	1	м	1.00	66	**
	Average	10	4	M	. 871 **	44	Jan. 1857	10 10	$\frac{2}{1}$	M	1. 25	64	41
2	July 1852	10 10	3 1	M M	. 87½ " 1. 00 "	66	Average	10	3	M M	1.00	44	44
r P	Average	10	4	M	, 901 . **	**	July 1857 Jan. 1858 July 1858	10 10 10	1 1	M	. 94 . 87 1	6 6 6 4	41 64 11
3	Jan. 1853	10 10	4	M M	. 87½ " 1. 00 "	44	Jan. 1859 July 1859 Jan. 1860	10 10 10	1 1 1	M M M	. 87 ½ . 87 ½ . 87 ½	44	44
	Average	10	5	М	. 90 "	**	July 1860 Jan. 1861	10 10	1 1	M	. 94	16	16
X	July 1853	10 10 _10	3 3 1	M M M	. 87½ " 1. 00 " 1. 50 "	11	July 1861 Jan. 1862 July 1862 Jan. 1863	10 10 10 10	1 1 1 1	M M M M	. 87½ . 87½ . 87½ . 75	66	66 68 68
alle.	Average	10,	7	M	1.02 "	4.6	July 1863 Jan. 1864	10 10	1 1	M	1. 25	66	6 6 6 6
	Jan. 1854	10	1	м	1.124 "	5.6	July 1864	10	1	M	1, 621		

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

BLACKSMITHS' HELPERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of wag	es.
Jan. 1865 July 1865	10 10	1	M M	\$1.62½ per day. 1.62½ ""	Jan. 1880	10 10	1	M M	\$1.00 1.50	per day	r.
Jan. 1866	10 10	1	M M	1.50 " " 1.62½ " "	Average	10	2	М	1. 25	** **	
Average	10	2	М	1.561 " "	July 1880	10 10 10	1 1 I	M M M	1.00 1.621	66 66 66 66	
July 1866 Jan. 1867 July 1867	10 10 10	1 1 1	M M M	1. 62½ " " 1. 62½ " " 1. 62½ " "	Average	10	3		1.75	11 16	
Jan. 1868 July 1868 Jan. 1869 July 1869	10 10 10 10	1 1 1 1	M M M M	1. 62½ " " 1. 75 " " 1. 75 " " 1. 62½ " " "	Jan. 1881	10 10 10	1 2 1	M M M	1. 25 1. 62½ 1. 75	14 44 14 14	
Jan. 1870	10 10	. 1	M M	1. 623 " " " 1. 75 " "	Average	10 .	4	М	1. 56	11 11	
Average	10	2	м	1.681 " "	July 1881	10 10	4 1	-M	1.75 $1.87\frac{1}{2}$	44 44	
July 1870	10	1	М	1.62½ " "	Average	10	5	M	1.771	11 44	
Jan. 1871	10	1 2	M	1.50 " " "	Jan. 1882	10 10	1 3	M M	1.80 1.87	46 44	
Average	10	3	М	1.661 11 11	Average	10	4	М	1. 851		-
July 1871	10 10	1	M	1.75 " " 2.00 " "	July 1882 Jan. 1883	10	4	м	1.80	** **	
Average	10	3	M	1.831 " "	July 1883	10 10	5 4	M	1.80 1.80	16 66	
Jan . 1872	10 10	2 1	M M	1.75 " " " " " " " " " " " " " " " " " " "	Jan. 1884 July 1884 Jan. 1885	10 10 10	$\begin{bmatrix} 2\\1\\2 \end{bmatrix}$	M M M	1.80 1.80 1.80	61 44 46 66	
Average	10	3	M	1.831 " "	July 1885	10	3	M	1. 80	** **	
July 1872	16	2	M	1, 75 " "	Jan. 1886	10 10	1	M M	1.50 1.75	66 66	
Jan. 1873	- 10 10	1 1	M M	1.75 " " 2.00 " "	Average	10	1 3	M	1. 80	16 16	
Average	10	2	M	1.87	1 1				_	** **	
July 1873	10 10 10	1 1 1	M M M	1.75 " " " 1.87½ " " 2.00 " " "	July 1886	10 10	1 3	M	1.50	" "	
Average	-10	3	•M	1.871 " "	Average Jan. 1887	10 10	3	M	1.72½ 1.80	11 46	
Jan. 1874 July 1874	10	1 1	M M	2.00 " " 2.00 " "	July 1887	10	3	71	1.80	44 44	
Jan. 1875	10	2	М	1.50 " "	Jan. 1888	10 10	3	M	1.50	11 11	
	10	1	М	2.00 " "	Average	10	4	M	$1.72\frac{1}{2}$	66 45	
Average	10	3	M	1.661 " "	July 1888	10 10	2 3	M M	1, 5 0 1, 80	46 46	
July 1875	10 10	$\begin{bmatrix} 2\\1 \end{bmatrix}$	M	2.00 ** **	Average	10	5	M	1.68	45 54	
Average	10	В	М	1.661 ** **	Jan. 1889	10 10	1 4	M M	1 60 1.80	44 44	
Jan. 1876 July 1876	10 10	3 1	M M	1.75 " "	Average .	10	- 5	Т	1. 76	44 44	
Jan. 1877 July 1877 Jan. 1878 July 1878 Jan. 1879 July 1879	10 10 10 10 10 10	1 1 1 1 1	M M M M M	1.50	July 1889 Jan. 1890 July 1890 Jan. 1891 July 1891	10 10 10 10 10	5 3 5 4	M M M M	1.80 1.80 1.80 1.80 1.80	66 61 66 61 66 64 66 64	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

ENGINEERS.

Payroll of—	Hours per day.	Different omployés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	age	s.
Jan. 1882 July 1892 Jan. 1883 July 1883 Jan. 1884 July 1884 July 1885 July 1886 July 1886	10 10 10 10 10 10 10 10	1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M	\$1. 87½ per day. 1. 87½ " " 1. 87½ " " 1. 87½ " " 1. 87½ " " 1. 87½ " " 1. 87½ " " 1. 87½ " " 2. 00 " " 2. 00 " "	Jan. 1887 July 1887 Jan. 1888 July 1888 Jan. 1889 July 1889 Jan. 1890 July 1890 Jan. 1891 July 1891	10 10 10 10 10 10 10 10 10	1 1 1 1 1 1 1 1	M M M M M M M M	\$2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	66 66 66 66 66 66	lay.	

FOREMEN, MACHINISTS.

FOREMEN, MOULDERS.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

FOREMEN, PATTERNMAKERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	wages.	Payroll of—	Hours per day.		Sex.	Rate	of v	wages.
Jan. 1881 July 1881 Jan. 1882 July 1882 Jan. 1883	10 10	1 1 1	M M M M	\$3.50 3.50 3.50 3.50 4.00	per	day.	July 1886 Jan. 1887 July 1887 Jan. 1888 July 1888	10 10 10	1 1 1	M M M M	\$4.00 4.00 4.00 4.00 4.00	per	day.
Jan. 1883 July 1883 Jan. 1884 July 1884 Jan. 1885	10 10 10	1 1 1 1	M M M M	4.00 4.00 4.00 4.00	66	66 66	Jan. 1889 July 1889 Jan. 1890 July 1890	10 10 10	1 1 1	M M M M	4. 16½ 4. 16½ 4. 16½ 4. 16½	66 66	60 66 66
July 1885 Jan. 1886	10	1	M	4.00	"	**	Jan. 1891 July 1891	10	1 1	M M	4. 16½ 5. 00	66	46

LABORERS.

						LAD	onens.						
Jan. 1846	10 10 10 10	5 8 6 1	M M M M	.62½ .68 .75 1.12½	per "	day.	July 1849	10 10 10 10	5 5 2 1	M M M	.68 .75 .87½ 1.25	per	day.
Average	10	20	М	.71	"	86	Average	10	13	M	.78	66	44
July 1846	10 10 10 10 10	2 9 7 1	M M M M	. 62½ . 68 . 75 . 87½ 1. 25	66	44 44 44	Jan. 1850	10 10 10 10 10	1 6 7 4 1	M M M M	.62½ .68 .75 .87½ 1.25	11	66 66 66
Average	10	20	M	. 73½	**	**	Average	10	19	M	. 77½	44	44
Jan. 1847	10 10 10 10 10	2 6 5 1	M M M M	.62½ .68 .75 .87½ 1.25	66 66 66 66	66 66 66 86	July 1850	10 10 10 10 10	1 3 8 2 1	M M M M	. 62½ . 68 . 75 . 87½ 1. 25	64 64 66	66 66 66
Average	10	15	м	.741	66	44	Average	10	15	M	. 78	4.6	44
July 1847	10 10 10	1 5 11	M M M	. 62½ . 68 . 75	"	66 66	Jan. 1851	10 10 10 10	2 11 3 1	M M M M	. 68 . 75 . 87½ 1. 25	44 44	44 44
	10 10	$\frac{2}{1}$	M	1. 25	44	44	Average	10	17	M	. 79½	44	44
Average Jan. 1848	10 10 10 10	20 1 3 10	M M M	.76½	44 44 45	44	July 1851	10 10 10 10 10	10 2 1	M M M M M	. 68 . 75 . 874 1. 00 1. 25	66 66 66	66 66 66 66
	10 10	10 2 1	M M M	. 75 . 87½ 1, 25	66	14	Average	10	16	м	. 801	**	14
Average July 1848	10 10 10 10	17 1 7 7	M M M	.77½ .62½ .68	66 66 66	68 44 45	Jan. 1852	10 10 10 10 10	15 2 2 1	M M M M	. 68 . 75 . 87½ 1. 00 1. 25	/11 /11 /11	61 61 61 61
	10 10	3 1	M	87 <u>1</u> 1, 25	"	. 66	Average	10	21	м	. 801	44	**
Average	10	19	М	.761	"	44	July 1852	10 - 10 10	1 16 1	M M M	. 68 . 75 . 871	66 66	1.6 1.6
Jan. 1849	10 10 10	2 10 8	M M M	. 624 . 68	86 86	66 66		10	2 2	M M	1. 00 1. 25	16	11
	10 10 10	2 2 1	M M M	1, 00 1, 25	66	66 66	A.verage	•	22	M	. 82	"	44
Average		25	M	.76	"	"	Jan. 1853	10 10- 1 0	1 12 1	M M M	.68 .75 .87	**	"

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

LABORERS-Continued.

					LAE	BOKERS	-Continuo	d.					
Payroll of—	Honrs per day.	Different employés.	Sex.	Rate	of v	wayes.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages,
Jan. 1853 - conc'd.	10 10	2 1	M M	\$1.00 1.25	per	day.	July 1858- conc'd.	10 10	2 1	M M	\$0. 94 1. 00	per	day.
Average	10	17	M	. 81	ù	i i	Average	10	9	M	. 87½	66	44
July 1853	10 10 10 10 10	1 11 1 3 1	M M M M M	. 67½ . 75 . 87½ 1. 00 1. 37½	66 66 66	46 46 46	Jan. 1859	10 10 10 10	3 2 2 1	M M M M	.81 .87½ .94 1.00	66 66	66 66 66
Average	10	17	M	. 83	44	46	Average	10	8	M	. 88 1	46	4.6
Jan. 1854	10 10 10 10	· 1 9 3 3	M M M M	. 67½ . 75 . 87½ 1. 00	66	66 66	July 1859	10 10 10 10 10	2 1 2 2 1	M M M M	.81 .831 .871 .94	44 44 44 44	66 45 66 68
Average	10	16	M	. 813	66		Average	• 10	8	м	. 881	44	**
July 1854	10 10 10 10	1 1 8 5	M M M M	. 67½ . 75 . 87½ 1. 00	44	66 66 66	Jan. 1860	10 10 10 10	1 2 2 2	M M M M	.81 .831 .871	66 46 46	66 66
Average	10	15	M	. 891	14	"		10	1	M	1.00	**	"
Jan. 1855	10 10 10 10	1 4 7 4	M M M	. 67½ . 75 . 87½ 1. 00	66	66	Average July 1860	. 10 . 10	1 4 2	M M M	. 89 . 81 . 83 <u>1</u>	**	66
Average	10	16	M	. 861	64	64		10	2	M	.871	66	44 44
July 1855	10 10 10	1 4 5	M M M	. 67½ . 75 . 87½	66	44 44	Average	10	10	M	. 88		"
	10	3	M	1.00		44	Jan. 1861	10 10	2	M	. 83½ . 87½ . 94	44	66 64
Average Jan. 1856	10	13	M	. 85		"		10	2	M	1.00	"	44
9411. 1000	10 10 10	5 3	M M M	.75 .871 1.00	44	"	Average July 1861	. 10	9	M	. 88½	"	11
. Average	10	14	M	1.121	44	4.6		10 10 10	3 2 1	M M M	. 83½ . 87½ 1. 00	"	44
July 1856	10	, 1	М	. 75	41	"	Average	10	7	М	. 86	44	44
	10 10 10	6 3 1	M M M	1.00 1.12½	46	14	Jan. 1862	10 10 10	1 3 2	M M M	. 75 . 83½ . 87½	#E	66 66 66
Average		11	M	.92		•		10	1	M	1.00	- 11	"
Jan. 1857	10 10 10	9 3 1	M M M	. 87½ 1. 00 1. 12½	1.4	44	Average July 1862	10 10 10	1 3	MMM	. 86 . 75 . 83½	44	44
Average	10	13	M	. 92	"	46		10	1	M	1.00	44	44
July 1857	10 10 10	1 6 3	M M M	.81 .87½ 1.00	11	66 66	Average	10	8	M	. 86	- 44	"
Average		10	м	, 90	"	**	Jan. 1863	10	1 1	M M M	. 87½ . 93 1. 00	"	16 46
Jan. 1858	10 10	. 5 . 3	M M	. 87½ 1. 00	"	44	Average	10	7	M	. 92		46
Average	10	8	м	. 92			July 1863	10 10	5 5	M M	1. 12½ 1. 25	66	44
July 1858	10 10	4 2	M M	.81 .871	"	44	Average		10	M	1.18	16	46

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

LABORERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of 1	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages
Jan. 1864	10 10	5	M M	\$1.121	per	day.	Jan. 1869	10 10 10	4 3 3	M M M	\$1.50 1.62½ 1.75	per	day.
Average	10	9	M	1. 191	66	66		10	3	M.	2.00		-
July 1864	10 10 10	6 5 1	M M M	$ \begin{array}{c c} 1.50 \\ 1.62\frac{1}{2} \\ 1.75 \end{array} $	46	66	Average July 1869	10 10 10	13 3 2	M	1.70	4:	44
Average	10	12	М	1.571	8.6	**		10 10	4 2	M M M	1. 62½ 1. 75 2. 00	- 66	16
Jan. 1865	10 10 10	8 3 1	M M M	1.50 1.62½ 1.75	4.5 4.6	66 66	Average		11	м	1.701	••	u
Average	10	12		1.55	44	66	Jan. 1870	10 10	5	M M	1.50 1.62½	41	46
July 1865	10	6	м	1.37	**	46		10 10	4	M	1.75	66	23
	10 10 10	2 2 1	M M M	1. 50 1. 62½ 2. 00	66	44 44	Average		16	M	1.71	"	66
Average	10	11	М	1.50	"	64	July 1870	10 10 10	3 2 3	M M M	1. 50 1. 62½ 1. 75	**	44 64
Jan. 1866	10 10	1 1	M M M	1. 00 1. 25 1. 50	66 66	14 16 16	Average	10	10	<u>М</u>	1. 70	44	44
	10 10* 10	6 3 1	M M	1. 62½ 2. 00	54 44	46	Jan. 1871	10 10	5 B	M M	1.50 1.62 1	66	46
Average	10	12	М	1.51	86	•		10 10 10	1 1 5	M M M	1.75 1.87½ 2.00	44	66 66
July 1866	10 10 10	1 2 2	M M M	1.00 1.25 1.374	66	44 44	Average	10	15	M	1. 731		44
	10 10 10	6 3 1	M M M	1.50 1.62½ 2.00	16	16 66	July 1871	10 10 10	6 3 1	M M M	1.50 1.621 1.75	66 64 64	11 11
Average	10	15	М	1.47½	6.6	66		10 10	1 4	M	1.87½ 2.00	64	44
Jan. 1867	10 10	2	M M	1. 25 1. 37½	£ £	46	Average	10	15	м	1.70	**	64
	10 10 10 10	7 3 1	M M M M	1. 50 1. 62½ 1. 75 2. 00	16 16	6.6 6.6 6.6	Jan. 1872	10 10 10 10	5 2 1 1	М И М	1.50 1.62½ 1.75 1.87½	66 66	66 66 66
Average	10	15	M	1.531	44	44	Average	10	13	<u>М</u>	1.72	**	"
July 1867	10 10 10 10 10 10	1 11 11 1 1	M M M M M	$\begin{array}{c} .67\frac{1}{2} \\ 1.25 \\ 1.50 \\ 1.62\frac{1}{2} \\ 1.75 \\ 2.00 \end{array}$	66 66 66 64	66 66 66 66	July 1872	10 10 10 10 10 10	7 1 1 1 2	M M M M M	1.50 1.62½ 1.75 1.87½ 2.00 2.25	16 66 66 66 66	66 66 68 68 68
Average	10	16	м	1.481	44	"	Average	10	13	м	1. 69	66	.44
Jan. 1868	10 10 10 10 10	1 6 2 2	M M M M	. 67½ 1. 50 1. 62½ 1. 75 2. 00	66 66 68	68 68 68 64	Jan. 1873	10 10 10 10 10	3 1 2 1 3	M M M M M	1.50 1.62½ 1.75 1.87½ 2.00	66	14 65 64 61
Average	10	12	M	1.531	64	"	Average	10	10	М	1.75	41	44
July 1868	10 10 10	5 2 3 2	M M M	1.50 1.62½ 1.75 2.00	66 66	41	July 1873	10 10 10 10 10	3 4 2 2 2	M M M M	1.50 1.62½ 1.75 1.87½ 2.00	66 66	66 66 66
Average		12	M	1.661	44	41	Average		13	<u>M</u>	1.71	66	**

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

LABORERS Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages
Jan. 1874	10 10 10 10 10	1 2 3 2 2	M M M M	\$1.50 per day. 1.62½ " " 1.75 " " 1.87½ " " 2.00 " "	Jan. 1879	10 10 10 10	3 1 3 2	M M M M	\$1.37½ 1.50 1.62½ 1.75	44	day.
Average	10	10	M	1.771	Average	10	9	M	1.553	**	"
July 1874	10 10 10 10 10	1 2 3 2 2	M M M M	1.50 " " 1.62½ " " 1.75 " " 1.87½ " " 1.2.00 " " "	July 1879 Average	10 10 10 10	1 2 2 8	M M M M	1. 25 1. 50 1. 55 1. 62½ 1. 45	11	44
Average		10	М	1.772 " "	Jan. 1880	10	1	м	.75		
Jan. 1875	10 10 10 10	2 2 3 2	M M M	1.50 " " " 1.62½ " " " 1.75 " " " " " " " " " " " " " " " " " " "		10 10 10, 10	2 2 2	M M M M	1. 25 1. 50 1. 55 1. 62½	;;	66 66
	10	2	М	2.00 " "	Average	1 .	11	M	1.371	**	"
Average July 1875	10 10 10 10 10 10	2 2 2 2 2 2 2	M M M M M	1.75 " " 1.50 " " 1.62½ " " 1.75 " " 1.87½ " " 2.00 " "	July 1880	10 10 10 10 10 10 10	1 1 1 2 1 2	M M M M M M	1. 00 1. 25 1. 37½ 1. 50 1. 55 1. 62½ 1. 75	65 61 64 64 66	8 C C C C C C C C C C C C C C C C C C C
Average	10	10	M	1.75 " "	Average	10	10	M	1.46	16	"
Jan. 1876	10 10 10 10 10 10	1 2 2 2 2 2 2	M M M M M	1. 25 " " 1. 1. 50 " " 1. 62½ " " " 1. 75 " " " 1. 87½ " " " 2. 00 " " "	Jan. 1881	10 10 10 10 10 10 10.	4 4 3 1 1 1 2	M M M M M M	1.00 1.25 1.37½ 1.50 1.55 1.62½ 1.75	66 66 64 64 64 64	66 66 66 64 66
Average	10	11	M	1.701 " "		10 10	1 1	M M	$2.12\frac{1}{2}$ 2.25	44	66
July 1876	10 10 10 10	3 3 1 2	M M M M	1.50 " " " 1.62½ " " 1.75 " " 1.87½ " " "	Average July 1881	10	18 1 1	M M M	$1.42\frac{1}{2}$ 1.00 $1.12\frac{1}{2}$	44	44 41
Average	10	9	M	1.651 " "	1	10 10 10	8	M	1. 25° 1. 37½	44	66
Jan. 1877	10 10 10 10	3 1 3 2	M M M M	1. 37½ " " " 1. 50 " " " 1. 62½ " " " " " " " " " " " " " " " " " " "		10 10 10 10 10	6 1 1 1 2	M M M M	1.50 1.55 1.62½ 1.70 2.00	66 66 64	66
Average	10	9	M	1.551 " "	Average	10.	22	м	1.421	4.6	44
July 1877	10 10 10 10	2 1 3 2	M M M M	1. 37½ 44 44 1. 50 44 44 1. 62½ 44 44 1. 75 44 45	Jan. 1882	10 10 10 10	7 2 6 1	M M M	1. 25 1. 37½ 1. 50 1. 55	66 66	66 66 66
Average	10	8	M	1.58 " "		10	1	M	1.62½ 1.70	44	46
Jan. 1878	10 10 10 10	3 1 3 2	M M M M	1.37½ " " 1.50 " " 1.62½ " " 1.75 " "	Average	10	20	м	1.47	64	44
Average	10	9	M	1.551	July 1882	10 10	4 3	M M	1.25 1.50	16	64
July 1878	10 10 10 10	3 1 3 2	M M M M	1. 37½ 44 44 1. 50 44 44 1. 62½ 44 44 1. 75 44 44		10 10 10 10 10		M M M M	1.55 1.75 1.87½ 2.25	61 65 66	46
Average	10	· · · · 9	M	1.551 " "	Average	в 10	12	М	1.60	4.6	65

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

LABORERS-Continued.

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Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1883	10 10 10 10 10 10	5 3 1 1 1 2	M M M M M	\$1. 25 1. 50 1. 55 1. 75 1. 87½ 2. 25	per	day.	July 1887	10 10 10 10 10	8 1 1 1 2	M M M M	\$1.50 1.62½ 1.75 1.90 2.00	per	day.
Average	10	4 13		1. 57	44	44	A.verage		1 13	М	1. 631	11	44
July 1883	10 10 10 10 10 10	2 3 1 1 1 2	M M M M M M	1. 25 1. 50 1. 55 1. 75 1. 87½ 2. 25	66 66 66	64 66 66 66	Jan. 1888	10 10 10 10 10 10 10	1 7 1 1 1 1 1 3	M M M M M M	1. 25 1. 50 1. 62½ 1. 70 1. 75 1. 80 1. 90 2. 00	66 66 66 66 66	66 66 66 65 66
Average	10	10	21,	1.661	66	* *	Awarama		16	M	1. 66	44	"
Jan. 1884	10 10 10 10 10 10	9	M M M M M	1.50 1.55 1.75 1.87½ 2.25	66 66 66 68	4.6 4.6 4.6 4.6	Average July 1888	10 10 10 10 10 10	5 1 1 1 1 2	M M M M	1.50 1.62½ 1.70 1.75 1.90 2.00	66 66 66 66 66	46 44 44 44 44
July 1884	10	2	M	1.35	44	44	Average	10	11		1.68	44	44
,	10 10 10 10	2 1 1 2	M M M M	1.40 1.57½ 1.70 2.00	44 44 44	66 66 66	Jan. 1889	10 10 10	1 1 5	M M M	. 75 1. 25 1. 50	44 44 44	44 45 44
Average	10	8	м	1.59½	"	**		10 10 10	1 1 2	M M M	1. 62½ 1. 70 1. 75	66	66
Jan. 1885	10 10 10 10	3 2 1 1	M M M M	1.35 1.40 1.57½ 1.70	22 23 23	6 C 6 C 6 C	Average	10 10	1 2 14	M M	1. 90 2. 00 1. 58½	66	64 65
	10	2	М	2.00	4.6	44	July 1889	10	1	M	. 831	ıi"	e.
Average July 1885	10 10 10 10 10	9 1 3 2 1	M M M M M	1. 57 1. 25 1. 35 1. 40 1. 57½ 1. 70	66 66 66 64	66 66 66 66		10 10 10 10 10 10	4 5 1 1 2 3	M M M M M	1. 25 1. 50 1. 62½ 1. 70 1. 75 2. 00	66	66 66 66 66
	10	2	М.	2,00	**	44	Average	10	17	М	1.54	46	66
Average Jan. 1886	10 10 10 10 10 10 10	10 1 2 4 1 1 2	M M M M M M	1. 53½ 1. 25 1. 35 1. 50 1. 57½ 1. 70 2. 00	46 46 46 66 66	44 44 44 44 44	Jan. 1890	10 10 10 10 10 10	1 2 5 1 1 2 3	M M M M M M	. 83½ 1. 25 1. 50 1. 62½ 1. 70 1. 75 2. 00	66 66 66 68 61	66 66 66 66 66
Average	10	11	м	1.563	6.6	66	Average	. 10	15	М	1. 57	**	**
July 1886	10 10 10 10 10 10	1 7 1 1 1 1 2 2 13	M M M M M M	1. 25 1. 50 1. 62½ 1. 75 1. 90 2. 00	66 64 64 64	66 66 66 66 66	July 1890	10 10 10 10 10 10 10 10	1 1 5 1 1 1 1 4	M M M M M M M	1. 00 1. 25 1. 37½ 1. 50 1. 62½ 1. 70 1. 75 2. 00	46 46 46 46 46	66 66 68 68 68
Jan. 1887	10	6	M	1.50	44	44.	Average	10	15	M	1.611	44	**
Average	10 10 10 10 10 10	1 1 1 2	M M M	1. 624 1. 75 1. 90 2 00	44 44 44	16	Jan. 1891	10 10 10 10 10	1 1 1 6 1	M M M M M	1. 00 1. 25 1. 37 § 1. 50 1. 62 § 1. 70	66 66 66	46 46 46 46
0.							**	- 40	1.1	THE .	1.10		

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

LABORERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1891- conc'd.	10 10	1 3	M M	\$1.75 2.00	per,	day.	July 1891– cone'd.	10°	6 2	M M	1.621	per	day.
Average	10	15	M	1.58	64			10. 10	1	M	1.70	44	"
Averago					44			10;	2	M	2.00	66	66
July 1891	10 10	1 1	M	. 83½ 1. 25	66	44	11 ,	, 10.	1	M	2. 25	.,	
	10	i	M	1. 371	£ £	4.6	Average	10	16	M	1.591	1.6	44
	!			1		масн	INISTS. 4			1	'		
Jan. 1846	10	I	М	1.121	ner	day.	July 1850	10	1	м	1. 25	ner	day.
0 WIT. 1040	10	1	\mathbf{M}	1.25	11		0 413 1000	10	1	M	1.374		11.
	10	1	M	1.374	66	11		10	3	M	1.50	"	46
	10	_ 8	M	1,50	•••	••	ļ.	10. 10	1	M	1. 62½ 1. 67½	4.6	66
Average	10	11	M	1.43	44		İ	10	î	M	2.00	4.6	44
July 1846	10 10	1	M M	1. 12 1. 25	11	11	Average	10	8	M	1.55	66	16
	-10	i	M	1. 374	1.6	64	Jan. 1851	10	1	M	1.371	6.6	4.6
. /	10	8	\mathbf{M}	1.50	44	44		10	3	M	1.50	66	(6
Average	10	11	M	1, 43		44		10	1 1	M	1.62 1 2.00	64	64
Jan. 1847	10	2	M	1. 25	4.6	44	Average	10	6	М	1.581	46	44
	10	1	M	1. 371	66	66	T_1_ 1051	10	1	M	1. 25	14	66
	10	4	M	1.50			July 1851	10	3	M	1. 374	"	16
Average	10	7	M	1.41	44	6.6	1	10.	3	M	1.50	**	44
			34	1 05	44	66	li .	10 10	1	M	1. 62½ 1. 75	. 46	"
July 1847	10	3	M	1.25 1.37	66			10	1	M	2.50	4.6	4.6
•	10	3	M	1.50	14	14	Average	-	10	M	1. 57	•••	44
Average	10	7	M	1.374	44	6.4	-	10	6	м	1.37		44
Jan. 1848	10	3	M	1. 25	4.6	64	Jan. 1852	10	17	M	1.50	"	
0411. 1040	10	. 2	M	1.374	84	4.6]	10	6	M	1.624	44	44
	10	4	M	1.50	44	44	1	10 10	1 1	M	1.75 2.50	46	**
Average	10	9	M	1.39	1.4	44	Average	10	31	<u></u>	1.54	**	44
July 1848	10	3	M	1. 25	11	11	1			M	1. 25		
,	10	5 7	M	1.37½ 1.50	11	66	July 1852	10	3 11	M	1. 371	4.6	44
	10	i	M	2.00	6.6	44		10.	39	M	1.50	•••	66
		-	-	-!	66	**		10	11 2	M	$1.62\frac{1}{2}$ 1.75		**
Average		16	M	1. 441		44		10	1	M	2.50	46	44
. Jan. 1849	10	1	M	1.25 1.31	44	44	Average	10	67	М	1.51	"	6.6
	10	1	M	1.37	£ £	**		1					44
	10	6	M	1.50	4.6	46	Jan. 1853	10	3 6	M	1. 25 1. 37		16
	10 10	1 1	M	1.75 2.00	65	4.6		10	31	M	1.50	44	44
			-!	-\				10	5	M	1.62	- 66	44
Average	10	11	M	1.51½	"	**		10 10	1 1	M M	1.75 2.50		44
July 1849	10.		M	1.371	4.6	44		10	E0.	M	1. 52	- 44	44
	10	2 1	M	1.50	66	66	Average	10	50	IM	1.029		
	10	1 1	M	2.00	66	44	July 1853	10	2	M	1.37	**	46
1			-			46		10	27 15	M	1.50 1.62		46
_Average	10	5	M	1, 61	**	••		10	7	M	1.75	"	46
Jan. 1850	10	1	M	1.12	6.6	4.6		10	1	M	1.87	44	44
200	10	1	M	1.37	66	44		10	1	M	2.50		••
	10	1	M	1.50 $1.67\frac{1}{2}$	66	14	Average	10	53	M	1.59	"	4.6
	10	î	M	1.75	44					35	1 00		44
,	10	ï	\mathbf{M}	2,00	1.6	**	Jan. 1854	10 10	5 4	M	1.50		16
Average	10	9	M	1.544	66	4.6	l.	10	4	M	1. 75	66	44
	, 10		,	,			* *						

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK-Continueds

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Payroll of—	Hours per day.	Different employés.		Kate	of v	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages
Jan. 1854- conc'd.	10 10	1 1	М	\$1, 87 <u>1</u> 2, 50	4.6	day.	July 1859	10 10 10	1 2 4	М М М	\$1.37½ 1.50 1.62½	84	day.
Average	10	15	M	1, 69	**	4.6	{	10	1	М	1.75	44	46
July 1854	10 10	3	М М М	1.50 1.62½	11	64 66	Average	ĺ	*	Т	1.58	16	**
	10 10 10	6 1 1	Д Д	1.75 2.00 2.50	66	11 ~	Jan. 1860	10 10	5	$\frac{\pi}{\pi}$	1.50 1.62½	61	16
Average	10	15	M	1.721	A.	46	Average	10	7	Я	L 59	64	44
Jan. 1855	10	4	M	1.50	4.6	46	July 1860	10 10	2 5	M	1.50 L 62½	66	46
o and a good	10	7	м	1.621	46	66. 1	1	10	1	M	1. 75	16	ce
	10 10	1	M	1.75 2.00	66	"	Average	10	â	м	1.61	46	46
-	10	1	М	2.50			Jan. 1861	. 10	2	м	1.50	14	46
Average	10	14	M	1. 68½ 1. 50	14	66		10 10	4 1	M M	1-62½ 1.75	44 15	44
July 1855	10 10	2	<u>л</u> л	$1.62\frac{1}{2}$	86	46	Average	10	8	M	L 62½	66	**
	10 10	3 1	М	1. 75 1. 871	4.6	66	July 1861	10	2	м	1. 50	44	46
A	10	1	л Л	$\frac{2.50}{1.73\frac{1}{2}}$	66	44		10 10	- 3 - 1	M	1. 62½ 1. 67½	ti ti	12
Average	10	10		_		46	Av erage	10	6	м	1.59	66	44
Jan. 1856	10 10	2 1	M M	1. 50 1. 62‡	4.6	6.6	Jan. 1×62	10	1	M	1.371	6.6	44
	10 10	4	M	1.75 1.87	46	66		10 10	3 2	$\frac{\pi}{\pi}$	1.50° 1.624	66	£6
	10	î	M	2.50	44	66					 -	66	44
Average	10	9	м	1.78	11	**	Average	10	6	M	1. 52		
July 1856	10	1	21	1.371	6.6	4.6	July 1862	10	4	M	1.50 1.624	46	66 64
_	10 10	2	$\frac{\pi}{\Lambda}$	1.50 1.623	66	44		10	1	M	L 75	66	44
	10	4	M	1.75	33	44	Average	10	9	м	1.5%	"	54
	10	ī	$\frac{77}{31}$	$\frac{1.873}{2.50}$	4.6	44	Jan. 1863	10	1	M	1.374	66	46
Average	10	10	Т	1. 731	66	11		10	2	M	1. 50° 1. 623	66	44
Jan. 1857	10	4	м	1.621	**	44		10	3	M	1. 75	5.6	6.6
1001	10	7	M	1.75° 2.50	44	44	Average	10	. 8	М	1.61	66	66
Average	10	12	M	1.77	41	**	July 1863	10	1 2	M	1.371 1.50	65	44
July 1857	10	2 7	\mathbf{M}^{-1}	1.621	61		ŀ	10	1	M	1.621	66	66
	10	7 1	М	1.75° 2.50	66	44		10	5 2	М .	1, 75 1, 93	44	24
A come co					4.6			10	T	М	1.871	4.4	66
Average Jan. 1858	10	10	M M	1. 80 1. 62½	66	44	Average	10	12	M	1.69	66	44
0 dii. 1000	10	6	М	1. 75	6.6	11	Jan. 1864	10	2	M	1.50	44	66
Average	10	8	M	1.72	44	16		10	11	M	1.75 1.59		14
July 1858	10	1 1	М	1.371	66	54 58		10 10	4	M	1.55 1.872 2.00	11	44
	10 10	2 5	M	1.50 1.621	6.6	64		'		!.		**	46
	10	1 .	M }	1.75	44	"	Average	10	13	M	1. 8 14		
Average	10	9	М	$1.58\frac{1}{2}$	4.6		July 1864	10 10	1	M	1.75 2.124	-6	44
Jan. 1859	10 10	1 2	M	1. 37½ 1. 50	66	66		10	1	M	2. 25	6.6	46 44
	10	4	M	1.621	66	11		10 10	1 8	M M	2. 37½ 2. 50	**	1.5
<u>'</u>	10	1	M	1. 75				10	1	М	2.75	e a	"
Average	10	8 +	П	1.58	6.6	"	Average	10	13_	Л	2. 40½	6.6	**

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

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Payroll of—	Hours por day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.
Jan. 1865	10 10 10 10	1 1 9	M M M	\$1.75 2.25 2.50 2.75	per "	day.	July 1869- conc'd.	10 10 10	6 2	M M M	\$2,50 2,75 2,40	per	day.
Average	10	12	M	2. 431	44			10				44	44
July 1865	10 10 10 10	1 2 8 '1	M M M M	1, 87½ 2, 25 2, 50 2, 75	66 66 66	61 61 61	Jan. 1870	10 10 10 10	1 1 1 6 6	M M M M M	1.75 1.87½ 2.00 2.35 2.50 2.75	14 66 11 44	44
Average	10	12	M	2.42	44	**		10 10 10	3 1 1	M	3, 00 3, 25	66	44
Jan. 1866	10 10 10	1 1 1	M M M	1.75 2.12½ 2.33	66 66	14 64 41	≜ verage	10	15	M	2. 50	44	"
A wara ca	10 10	10 1	M M	2. 50 2. 75 2. 42 1	11	66	July 1870	10 10 10 10	1 1 1 6	M M M M	1.75 1.87½ 2.25 2.50	66 66	44 44 44
Average July 1866	10	1	M	1.75	**	**		10	2	M	2.75	6.6	66
0 LLJ 1000	10 10	1	M	2. 12½ 2. 33	66	64 64	Average	10	11	M	2.40	. 44	66
	10 10	9	M	2. 50 2. 75	44	46	Jan. 1871	10 10 10	1 1 7	M M M	1.75 1.871 2.50	44	66 66
Average		13	M	2.42	**	44		10 10	1 3	M	2. 62½ 2. 75	46	**
Jan. 1867	10 10 10 10	1 12 1 1	M M M	2.00 2.50 2.621 2.871	46 44 64	66	Average July 1871	10 10	13	M	2. 46 1. 75	"	66
Average		15	M	2.50	44	61	oury 1011	10	1 6	M	1.87± 2.50	44	66
July 1867	10 10	2	M M	2.00 2.121	44	"		10 10 10	1 4 2	M M M	2. 62½ 2. 75 3. 00	64 66	66 66 86
	10 10 10	1 4 3	M M M	2. 25° 2. 50 3. 00	44	44	Average	10 10	15 1	м	2. 55 1.75	44	44
Average	10	11	М	2.49	44	66	Jan. 1872	10 10 10	1 7	M	1.87± 2.50	44	44
Jan. 1868	10 10 10	1 5 1	M M M	2.00 2.50 2.75	66 66	66 66 64		10 10 10	1 5 1	M M M	2. 62½ 2. 75 3. 00	66	44
	10 10	1	M	3. 00 3. 25	16	66	Average	10	16	М	2. 53	\$6	44
Average July 1868		9 2 6 1 1	M M M M M	2. 61 2. 00 2. 50 2. 75 3. 00 3. 25	66 66 66 66	86 86 86 86 86	July 1872	10 10 10 10 10 10 10	2 1 2 6 1 9	M M M M M	1, 75 2, 00 2, 25 2, 50 2, 62 2, 75 3, 00	66 66 66 61 61 61	64 64 64 64 64 64
Average		11	M	2.541	44	44	Average	ļ	22	М	2. 51	44	**
Jan. 1869	10 10 10 10 10 10 10	1 2 1 6 2 2 1	M M M M M M	1.87½ 2.00 2.35 2.50 2.75 3.00 3.25	44 44 44 44 44	44 44 44 44 44	Jan. 1873	10 10 10 10 10 10	1 1 1 4 2 6	M M M M M M M	1. 75 2. 00 2. 25 2. 50 2. 624 2. 75 3. 00	66 66 66 66 66	66 66 66 66 66
Average		14	M	2.50	44	66	Average		16	M	2.42	- 44	••
July 1869	10 10 10	1 1 1	M M M	1.75 1.87½ 2.25	**	66 66	July 1873	10 10 10	2 4 1	M M M	2. 00 2. 50 2. 62		66 68

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of	wages	-
July 1873- cone'd.	10 10	5 2	M M	\$2.75 3.00	pe	r day.	July 1879	10 10 10	1 1 2	M M M	\$1, 80 1, 85 2, 00	per	day.	
Average	i	14	M	2.60	61	,		10	5	M	2. 121			
Jan. 1874	10 10 10 10 10 10	1 1 5 1 6	M M M M M M	2. 00 2. 25 2. 50 2. 62½ 2. 75 3. 00	61	6 66 6 66 6 66	Jan. 1880	10 10 10 10 10	9 1 4 5	M M M M	1.80 2.00 2.12½ 2.25	11	44	
Average	10	16	М	2. 613			Average	10	11	м	2.06	46	44	
July 1874	10 10 10 10 10	1 4 1 4 2	M M M M M	2. 00 2. 50 2. 62½ 2. 75 3. 00	61	 	July 1880	10 10 10 10	1 4 8_	M M M M	2.00 2.12½ 2.25 2.50	44 46 46	44 44	_
Average	10	12	М	2. 631	61	1 44	Average	10	15	M	2. 231	61	44	
Jan. 1875	10 10 10 10 10	1 4 1 4 2	M M M M	2. 00 2. 50 2. 624 2. 75 3. 00	11 11 11 11	i 66	Jan. 1881	10 10 10 10	1 5 9 1	M M M M M	2.00 $2.12\frac{1}{2}$ 2.25 $2.37\frac{1}{2}$ 2.50	66 66 61	44 41 44 14	
Average	10	12	M	2.63	4.4	4.6	Average	10	18	М	2. 231		64	
July 1875	10 10 10 10 10	1 3 1 4 1	M M M M M	2. 00 2. 50 2. 62½ 2. 75 3. 00	66	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	July 1881	10 10 10 10	1 6 5 9	M M M	2.00 2.12½ 2.25 2.37½	66 66 66	44 44 46	
Average	10	10	M	2. 611		44		10 10	2	M	2.50 $2.62\frac{1}{2}$	4.4	44	
Jan. 1876	10 10 10	1 6 3	M M M	2.00 2.50 2.75	64	44	Average	10 10	34	<u>М</u> М	2. 75 3. 00 2. 38 1	**	44	
Average	10	10	М	2. 52	64	64	Jan. 1882	10	1	м	2.00	44	4.6	
July 1876	10 10 10	1 3 8	M M M	2, 00 2, 25 2, 50	"	66		10 10 10 10 10	1 1 5 11 2	M M M M	2. 12½ 2. 25 2. 37½ 2. 50	66 66 61	64 61 61	
Δ verage	10	12	M	2. 39 1	"	**		10	ź	M	$2.62\frac{1}{2}$ 2.75	6.6	44	
Jan. 1877	10 10	6	M M	2.00 2.25			Average	10	23	M	2. 451	66	41	
Average	10	8	M	2. 18½	6 6		July 1882	10 10	2 3	M	2.00 2.25	64	44	
July 1877	10 10	4 5	M M	2, 00 2, 25	66			10 10 10	1 9 4	M M M	2. 37½ 2. 50 2. 62½	66	44	
Average	10	9	М	2.14	4 6		Average	10	19	M	2.43	••	41	
Jan. 1878	10 10	3 4	M M	2, 00 2, 25	44		Jan. 1883	10 10 10	2 5 3	M M M	2.00 2.25 2.37	6 E	44	
Average	10	7	М	2.141	4.6			10 10	6	M	2. 50 2. 621	44	44	
July 1878	10 10	2 5	M M	2. 00 2. 25	44		Average	10	22	M	2. 411	6.6	44	
Average	10	7	м	2.18	64	44	July 1883	10	1	м	2.00	6.6	44	
Jan. 1879	10 10 10 10	1 2 1 4	М М М	1.80 2.00 2.121 2.25	-44	44		10 10 10 10 10	3 2 4 2 2 1	M M M M	2. 25 2. 37½ 2. 50 2. 62½ 2. 75	44 44 44 44	66 66 66	
Average	10	8	M	2. 111	6.6	**	Average	10	13	м	2. 42	44	14	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

MACHINISTS-Concluded.

	Hours	T) (0)					D	Homs	Diff		[-	
Payroll of—	nor	Different employés.	Sex.	Rate of	W	ages.	Payroll of—	per day.	Different employés.	Sex.	Rate	f v	wages.
Jan. 1884	10 10 10 10 10	1 2 4 2 1	M M M M M	\$2, 25 pe 2, 37½ 2, 50 2, 62½ 2, 75		ay.	Jan. 1888	10 10 10 10 10	1 5 8 1	M M M M	2. 621	er	day.
Average	10	10	M	2.50	,		Average	10	16	M	2.46	66	44
July 1884	10 10 10 10	1 3 6 2	M M M	2. 25 2. 37½ 2. 50 2. 62½	6	44	July 1888	10 10 10 10 10 10	1 2 10 1 1	M M M M M	2. 27½ 2. 37½ 2. 50 2. 60 2. 62½ 2. 75	66	66 66 66 45 45
Average	10	12	M	2.47			Average	10	16	M	2. 50	44	**
Jan. 1885	10 10 10 10 10 10	2 2 2 4 2	M M M M M	2. 00 4 2. 25 4 2. 37½ 4 2. 50 4 2. 62½ 4	4	66 64 64 64 64	Jan. 1889	10 10 10 10 10 10	2 1 2 8 2	M M M M M	2. 25 2. 27½ 2. 37½ 2. 50 2. 62½ 2. 75	11	66 66 66 66
Average			M	-		44	Average	10	16	M	2.47	44	46
July 1885	10 10 10 10 10 10	1 3 2 5 1 2	M M M M M	2. 25 2. 37½ 2. 50 2. 62½		64 64 64 64	July 1889	10 10 10 10 10	1 1 2 8 3	M M M M	$1.87\frac{1}{2}$ 2.25 $2.37\frac{1}{2}$ 2.50 2.75	44	66 66 66
Average	10	14	M	2.431	4	44	Average	10	15	M	2.471	4.6	44
Jan. 1886	10 10 10 10 10	1 6 2 6	M M M M	2. 25 2. 37½ 2. 50	16	66 66 64 64 ,	Jan. 1890	10 10 10 10 10 10	1 1 2 6 1	M M M M M	1. 87½ 2. 27½ 2. 37½ 2. 50 2. 62½ 2. 75	46 46 44 46 46	66 66 46 44
Average	10	17	М	2.391	44	44	Average	10	14	M	2.481	44	44
J uly 1886	10 10 10 10 10 10 10	1 1 5 6 6 1 2	M M M	2. 12½ 2. 25 2. 37½ 2. 50 2. 62½	44	66 66 66 64 64	July 1890	10 10 10 10 10 10	2 1 2 10 1 4	M M M M M M	2. 25 2. 27½ 2. 37½ 2. 50 2. 62½ 2. 75	66 66 66	44 44 44 45
Average	-	22	-		44	44 ,	Average	10	20	M	2, 50½	t t	44
Jan. 1887	10 10 10 10 10	1 2 4 4 2	M M M	2. 25 2. 37½ 2. 50	66 66 66 66	4.6 4.6 4.6	Jan. 1891	10 10 10 10 10 10	1 1 7 1 4	M M M M M	2. 25 2. 271 2. 371 2. 50 2. 621 2. 75	66	44 44
Average	10	13	M	2. 431	**	44	Average	10	15	М	2.53½	46	
July 1887	10 10 10 10	2 5 7 1	M M	$2.37\frac{1}{2}$ 2.50	44	6 6 6 6 6 6	July 1891	10 10 10 10	10	M	2. 27½ 2. 50	44	44
Averag	e 10	15	M	2. 421	64	66	Averag	e 10	17	M.	2.541	44	46

NIETALS AND METALEIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

MACHINISTS' APPRENTICES.

					vn	1.(2.) (.)	ATT RESISTE	OLD 3			_			
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.		Rate	of	wag	es.
July 1848 Jan. 1849 July 1849 Jan. 1850	10 10 10 10	1 1 1	M M M	\$0.37\\\\.37\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	pe	11	Jan. 1857	10 10 10	1 2 1	M M M	\$0.62 <u>1</u> .75 .87 <u>1</u>	pe	r day	y.
July 1850	10	1	M	.621	4.6	14	Average	10	4	М	.75	4.4	44	
Jan. 1851	10 10	1 1	M M	. 41	66	44	July 1857 Jan. 1863 July 1863	10 10 10	1 1 2	M M M	. 87½ . 33 . 33	66	66 66	
\mathbf{A} verage	10	2	M	. 541	4.6	"	1	10				4.6	41	
July 1851	10 10 10	1 1 1	M M M	.41 .50 .68	44	16 61	Jan. 1864 Average	10	1 1 2	M M	.371	66	"	,
A Tromouro	10				4.6	44		l 1			. 431	"		
Average	10	3	М	. 53			July 1864 Jan. 1866	10 10	1 1	M M	.75 .871	66	66	
Jan. 1852	10	2	M	. 50	4.4	11	July 1866. Jan. 1867	10 10	1	M	.871	- 44	44	
July 1852	10	2	М	. 50	4 6	11 ,	July 1867	10	$\begin{bmatrix} 1 \\ 2 \\ 2 \end{bmatrix}$	\mathbf{M}	1.00	44	64	
	10	1	M	. 62½	6.6	66	Jan. 1868	10	2	M	, 50	44	66	
Average Jan. 1853	10	3	M	. 54	**	"	July 1868	10 10	1	$_{\mathbf{M}}^{\mathbf{M}}$. 671 . 831	"	44	
9 HH. 1933	10	1	M	. 37½	. 44	4 4	Average	10	2	M	.751	46	44	
	10 10	1 2	М М	. 62½ . 75	* 1	44	Jan. 1869	10 10	. 1	M M	. 67½ . 83½	66	44	
Average	10	5	M	. 60	4.6	**	Average	10	2	M	. 751	**	64	
July 1853	10 10	$\frac{1}{2}$	M M	. 25	44	"	July 1869	10 10	1	M	. 50	54	#	
	10 10	2 1	M	. 62½ . 75	6.6	44		10	1	M M	1.00	41	46	
Average	10	- 6		.50		44	Average	10	3	м	.78	ŧŧ	46	
Tom 1054	10			_			Jan. 1870	10	1	м	.50	66	6.6	
Jan. 1854	10 10 10	1 2 1	M M M	. 25 . 50 . 75	44	64		10	1 1	M M	. 67 <u>1</u> . 83 <u>1</u>	44	16	
Average	10	4	M	. 50	44	44	Average	10	3	М	. 67	46	44	
July 1854	10	1	M	.371	4.6	46	July 1870	10 10	1 2	M M	. 50 1. 00	66	44	
	10	2	м	.50	"	4.6	Average	10	- 3	M	. 831	66	14	
Average	10	3	M	. 46		4.6	Jan. 1871 July 1871	10 10	1 1	M M	1, 00 1, 00	46	66	
Jan. 1855	10	1	M	. 37½ . 50	44	44	Jan. 1872 Jan. 1873	10 10	1	M M	1.00 .50	44	44	
i	10	î	M	. 62½	4.6	44	July 1873	10	1	M	. 50	4.4		
Average	10	3		. 50	6.6		Jan. 1874 July 1874	10 10	1	M M	. 75 . 50	44	44	
	10		м	. 50	_		Jan. 1875	10	1	M	. 50	6.6	44	
July 1855	10 10	2	М М	$.50$ $.62\frac{1}{2}$	46	66	July 1875 Jan. 1876	10	1	M	. 87½ 1. 00	66	44	
Average	10	3	M	. 54	61	"	July 1880	10 10	1	M M	$\frac{42\frac{1}{2}}{62\frac{1}{2}}$	6 6 6 6	66	
Jan. 1856	10 10	1	M M	$.50$ $.62\frac{1}{2}$	44	44	Average	10	2	M	. 521	44	**	
Average	10	1	M	. 75	**	"	Jan. 1881	10 10	1	M	$62\frac{1}{2}$	66	46	-
July 1856	10	3	M	, 62½			Average	10	2	М	. 521	46	44	
· .	10	2 1	M M	. 62 <u>1</u> . 75	44	66	July 1881	10 10	1 1	M	$1.00^{158\frac{1}{3}}$	64 64	44	
Averago,	10	3	M	. 66 <u>1</u>	6.6	"	Average	10	2	М	. 791	**	44	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

MACHINISTS' APPRENTICES -Concluded.

Payroll of—	Hours per day.	Different employés.		Rate	of	wages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of	wag	es.
Jan. 1882	10 10	1	M M	\$0. 42½ . 75	per	day.	Jan. 1884	10	1 1	M M	\$0.75 .834	per	day	r.
Average	10	2	М	. 58 1	4.6	44	Average	10	2	M	. 791	6.6	64	
July 1882 Average Jan. 1883	10 10 10 10 10	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M	. 42½ . 82½ . 83¼ 1. 00 . 77 . 62⅓	66	66 66 60 60 61	July 1884 Jan. 1885 July 1887 Jan. 1888 July 1888 Jan. 1889 July 1889	10 10 10 10 10 10	2 1 1 1 1	M M M M M M	. 83½ 1. 00 . 40 . 40 . 48½ . 56½	41 14 14 44 44 44	44 41 44 44 44	
-	10 10	1	M M	. 82§	**	44	Jan. 1890 July 1890	10 10	1 2 2	M M	. 31½ . 40	66	**	
Average	10	3	M	. 76		44	Jan. 1891	10	2	М	. 48 1	4.6	4.4	
July 1883	10 10	1	M M	. 62½ . 83½	"	66	July 1891	10 10	1	M M	$.48\frac{1}{2}$	"	"	
Average	10	2	M	. 73	**	41	Average	10	3	M	. 521	46	44	

MACHINISTS' HELPERS.

1	1			1	·		1		1		
Jan. 1852	10	1	М	.75 per day.	July 1856	10 10	2	M M	. 87½ 1. 00	per	day.
July 1852	10	1	M	. 621 " "		10	1	M	1.17	66	
	10	2	M	.75" " "		10	1	M	1.371	64	4.4
Average	10	3	M	.71 " "	Average	10	5	М	1.06	44	44
Jan. 1853	10	4	M	.75 " "	Jan. 1857	10	. 2	м	. 87 <u>1</u>	"	44
	10	2	M	. 87½ " "		10 10	1	M	1.00 1.17	44	44
Average	10	6	М	.79 " "		10 10	$\frac{1}{2}$	M	1.25	44	44
July 1853	10	1	M	.75 " "					1.50	.,	••
	10	1	M.	1.00 " "	Average	10	7	M	1.161	**	44
-	10	1	M	1. 25	July 1857	10	1	M	. 871	46	66
Average	10	3	M	1.00 " "	"	10	3	\mathbf{M}	1.00	66	6.6
7 7054	40	_	3.5	75	1	10	1	M	1.12	46	44
Jan. 1854	10 10	1 2	M	.75 " " "		10 10	1 2	M M	1.17	66	44
<u> </u>	10	2	M	1.00 "	ļ į						
Average	10	5	M	.90 " "	Average	10	8	M	1.14	46	4.4
Average	10		ж	. 80	Jan. 1858	10	1	M	. 871	64	46
July 1854	10	1	M	.75 " "	1	10	2	M	1.00	14	44
, ,	10	2	M	. 871 " "	1	10	1	M	1. 121	44	**
i	10	1	M	1.00 " " 1.17 " "	i I	10 10	1 1	M	1. 17 1. 50	66	66
_	10		м.								
Average	10	5	\mathbf{M}	. 931 44 44	Average	10	6	M	1.11	"	44
Jan. 1855	10	4	\mathbf{M}	. 871 " "	July 1858	10	1	M	. 871	6.6	44
	10	1	M	1. 17 " "		10	4	M	1,00	66	44
			7.5	031 14 14		10	1	M	1, 12½ 1, 17	44	66
Average	10	5	M	. 931 11 11		10 10	1	M	1. 37	4.6	64
July 1855	10	4	M	. 871 11 11].	10			1.010		
1000	1,0	î.	M	1. 17 " "	Average	10	8	M	1.07	4.6	4.6
Average	10	5	м	, 931/2 ** **	Jan. 1859	10	1	M	. 87½	44	44
_						10	4	M	1,00	46	66
Jan. 1856	10	3	M	.87½ " " "		10 10	1 1	M M	1. 12½ 1. 17	66	66
1	10 10	ī	M	1. 17 " " " 1. 25 " "	}	10	1	M	1. 374	4.6	44
_	10].						
∆verage _i	10	5.	M	1.01 " "	Average	10	8	M	1.07	6.6	4.0

METALS AND METALLIC GOODS; ESTABLISHMENT No. 67, NEW YORK—Continued.

MACHINISTS' HELPERS-Continued.

	. 1											
Payroll of	Hours per day.	Different employés.	Sex.	Rate of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
July 1859	10 10 10 10	1 3 2 1	M M M M	\$0.871 per (1.00 1.121 1.17	day.	Jan. 1865	10 10 10	2 2 1	М М И	\$1.50 1.62\frac{1}{2} 1.75	per	day.
	10	î	M	1.371 "	41	Average	10	5	M.	1.60	44	44
Average	10	8	M	1.081 "		July 1865	10 10	1 2		1.50 1.62½	6 h	4 1 4 4 6 4
Jan. 1860	10 10	1 2	M	1.00	44		10	1				
	10 10	2 I	M	1. 12½ ··· 1. 17	**	Average	10	4	M	1.62 $\frac{1}{2}$		66
	10	1	M	1. 37½ ''	61	Jan. 1866	10 10	1 1	M	1.00		44
Average	10	7	M	1. 091	"		10 10	$\frac{1}{2}$	M M	$1.62\frac{1}{2}$ 1.75	- 66	66
July 1860	10 10	1 2	M	1.00 "	11	Average	10	5		1.52	41	61
	10 10	2	M	1. 121 "	44	July 1866	10	- 1	м	1. 25	44	44
	10	i.	M	1. 371	11	July 1000	10	1	M	1.50	44	"
Average	10	7	M	1.091 "	44	,	10 10	1 2	M	$1.62\frac{1}{2}$ 1.75	44	46
Jan. 1861	10	1 2	M	. 871 "		Average	10	5	M	1. 57	1.4	44
	10 10	2	M	1. 123 "	"	Jan. 1867	10	1	M	1. 12 1/3	**	44
	10 10	1	M	1. 17 " 1. 37½ "	44		10 10	$\frac{1}{2}$	M	1. 25 1. 62 1	66	64 (
Average	10	7	M	1. 091 "	44		10	2	М	1. 75	44	**
July 1861	10	1	M	. 831 "	44	Average	10	6	M	1.52	4.	**
v	10 10	1	M	1,00 "	66	July 1867	10 10	2 2	M M	1. 25 1. 62 1	66	44
	10 10	1	M	1. 121 "	11		10	1	M	1.75	44	6.6
Average	10	5	M	1.00 "	'	Average	10	5	M	1. 50	ţı	44
Jan. 1862	10		M			Jan. 1868	10	2	M	1.50	44	44
0 am. 1002	10	. 1	M	1.00	11		10 10	2 1	M	$1.62\frac{1}{2}$ 1.75	44	"
	10 10	1	M	1. 121 "	41	Average	10	5	M	1, 60	44	
Average	10	4	М	1.041 "	**	July 1868	10	2	м	1.50	4.4	14
July 1862	10	1	M	. 871 "			10 10	1	M M	1.62½ 1.75	44	44
•	10 10	1	M	1.00° " 1.12½ "	44	Average	10	4		1.591	44	44
	10	1	M	1. 17" ''	4.6	Jan. 1869	10	1	м	1.50	66	44
Average	10	4	M	1.04½ "	44	0 411. 1000	10 10	2	M	1.62½ 1.75	44	44
Jan. 1863	10 10	1	M M	1. 17 "	16	Average	10	4	M	1. 62	44	44
Average	10	2	M	1. 021 "	**	July 1869	10	1	м	1.50		"
July 1863	10	1	м	1: 121 "			10 10	` 1	M	1.62½ 1.75	44	66
	10	1	M	1. 17 "	44	Average	10	3	M	1.621	44	44
Average	10	2	M	1. 141 "	44	Jan. 1870	10	2	M	1. 50	44	44
Jan. 1864	10 10	1	M	1. 25 · · · 1. 50 · · ·	44			2	M	1.621	46	44
Average	10	2.	М	1. 371 "		Average	10	4	M	1.56½	6.6	4.6
July 1864	10 10	1	М	1. 50 ''	"	July 1870	10 10	1 1	M M	1.50 1.624	44	14
		4	_M	1. 62½ "	"		10	1	M	1.75	44	44
Average	10	5	M	1.60 "	41	Average	10	8	M	1, 62½	4.6	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

MACHINISTS' HELPERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate o	of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1871	10 10 10	2 3 2	M M M		er d	lay.	July 1877- conc'd.	10 10	1 2	M M	\$1.70 1.80	**	day.
Average	10	7	M	1. 43		"	Average	10	_5	M	1.61	4.4	"
July 1871	10	1	м	1.00	66	44	Jan. 1878	10 10	1 1	M	1.25 1.50	66	11
- -J	10 10	3 2	M	1, 50 1, 75	15	11		10	2	М	1.80	4.6	"
Average	10	6	м	1. 50	6.6	44	Average		4	M	1.581	4.5	66
Jan. 1872	10 10	1 1	M	1. 25 1. 50	44	44	July 1878	10 10 10	1 1 2	M M M	1. 25 1. 50 1. 80	44	44
	10	2	M	1.75	**	44	Average	10	4	M-	1.581	66	44
Average	10	4	M	1.561	44	64	Jan. 1879	10	1	м	1. 25	14	44
July 1872	10 10	1 2	M	1. 25 1. 75	46	"		10 10	1 1	M	1.50 1.80	**	"
Average	10	3	M	1.581	4.6	**	Average	10	3	м	1. 513	44	4.6
Jan. 1873	10	3	M	1.75	44		July 1879	10 10	3 1	M	1. 25 1. 72½	64	66
July 1873	10 10	1	M	1.75 2.00	**	44 '	Average	10	4	М	1. 37		**
Average	10	3	M	1.831	4.6	44	Jan. 1880	10 10	2 1	M M	1. 25 1. 37½	44	66
Jan. 1874	10 10	1	M M	1.00 1.50	44	44		10	1	M	1. 723		44
	10 10	2	M	1.75 2.00	44	44	Average		4	M	1.40	"	44
Average	10	5	м	1. 60	4.4	"	July 1880	10 10 10	3 1 1	M M M	1. 37½ 1. 50 1. 87½	1.6	11
July 1874	10 10	2 2	M	1.50 2,00	44	44	Average		5	М	1.50	41	**
Average	10	4	М	1.75	66	44	Jan. 1881	10 10	2 3	M	1. 37½ 1. 50		44
Jan. 1875	10	1	М	1.00	44	46 1		10 10 10	1 1	M	1.75 1.87		66
	10 10	2 2	M M	1.50 2.00	44	44	Average		7	M	1.55		16
Average	. 10	5	M	1.60	4.6	44	July 1881	10	2	м	1.50	4.6	44
July 1875	10	1 2	M M	1.00 1.50	44 44	66 66	0 213 2002	10 10 10	1 1	M M M	1. 62½ 1. 75 1. 87‡	"	64 66
A	10	. 2	M	2.00	"	4.5	Average			M	1.64		66
Average Jan. 1876		5	M	1.60	**	66	Jan. 1882	10	2	м	1. 25		4.6
9 ALL . 16/U	10 10 10	2 2	M	1. 50 2. 00	44	66	Gain 1552	10 10	1	M M	1.50 1.62	"	14
Average	10	5	М	1.60	44	44	Average	10	5	М	1.42	**	4.6
July 1876	10	2	M M	1.50 1.87½	44	44	July 1882	10 10	5 8	M M	1.25 1.50	44	44
	10 10	2	M	2.00	41	44		10	8 2	M	2.00		44
Average	10	5	М	$1.77\frac{1}{9}$	64	44	Average	10	15	M	1, 48		44
Jan. 1877	10 10 10	1 1 2	M M M	1.50 1.70 1.80	6 6 6 6	44	Jan. 1883	10 10 10	4 7	M M M	1. 25 1. 50 1. 87	** **	44 44 54
A-verage	10	4	M	1. 70	44	44	Average	10	12	M	1. 45	44	4.4
July 1877	10 10	1 1	M	1.25 1.50	66	6 E	July 1883	10 10	1 5		1. 25 1. 50	44	15

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

MACHINISTS' HELPERS-Concluded.

													- 54
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1883- cone'd.	10 10	1 1	M M	\$1.75 1.87½	per	day.	July 1887	10 10	3 1	M M	\$1.50 1.70	per	day.
Average	10	8-	M	1.541	11	6.6	Average	10	4	M	1. 55	66	**
Jan. 1884	10 10 10	4 1 2	M M M	1.50 1.75 2.00	14	66 . 66 66	Jan. 1888	10 10 10	3 1 1	M M M	1.50 1.62½ 1.70	66	44 44
Average	10	7	M	1.68	6.6	64	Average	10	5	M	1. 56	6.6	66 mg/s
J uly 1884	10 10 10 10	$\begin{array}{c} 1 \\ 2 \\ 1 \\ 2 \end{array}$	M M M	1, 25 1, 50 1, 75 2, 00	6 6 6 6	44 44 46	July 1888	10 10	1 1	M M	1. 50 1. 70	44	46
Average	10	- 5	M	1. 661	44	44	Average	10	2	M	1. 60	**	**
Jan. 1885	10 10 10	3 1 1	M M M	1.50 1.75 1.80	44	46 46 86	Jan. 1889	10 10 10	4 1 1	M M M	1.50 1.70 1.80	"	64 64
Average	10	5		1, 61	44	44	Average	10	. 6	M	1.581	6.6	6.6
July 1885	10 10	4 1	M M	1.50 1.75	44	66	July 1889	10 10	4 I	M M	1.50 1.70	64 16	66 66
Average	10	5	М	1.55	4.6	11	Average	10	5	м	1.54	44	"」
Jan. 1886	10 10	4	- <u>M</u> M	1.50 1.75	44	44	Jan. 1890	10 10	4	M M	1. 50 1. 70	46	"
\mathbf{A} verage	10	5	м	1. 55	44	44	Average	10	5	M	1.54	44	44
July 1886	10 10	3	M M	1. 50 1. 70	44	44	July 1890	10 10	4 1	M M	1, 50 1, 70	44	61
Average	10	4	M	1, 55	"	44	Average	10	5	м	1. 54	44	**
Jan. 1887	10 10	4 1	M M	1,50 1,70	6.6 6.6	6.6 6.6			-	_			
Average	10	5	м	1.54	66	**	Jan. 1891 - July 1891	10 10	6	M M	1.50 1.50	4.6	14

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Jan. 1847 Average	10 10 10	2 1 3 6	M M M	1. 25 " 1. 37½ " 1. 50 " 1. 39½ "	46	July 1849	10 10 10	1 2 1	M M M	1. 371 1. 50 1. 671	16	44 44 15
July 1847 Average	10 10 10	1 1 3	M M M	1. 25 " 1. 37½ " 1. 50 "	66 66	Average Jan. 1850	10 10 10	1	M M M	1.51½ 1.25 1.37½	64 64	46 46
Jan. 1848	10 10 10 10	5 2 1 2	M M M	1. 42½ " 1. 25 " 1. 37½ " 1. 50 "	. 44 . 44 . 44	Average	10 10	2 1	M M	1. 50 1. 671 1. 46	**	66 66
≜ve rage	10	5	м	1. 371 "	**	July 1850	10 10	1	M	1.25 1.37	**	46

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

MOULDERS-Continued.

	Hours	Die					Downell	Hours	Different				· · · · · ·
Payroll of—	per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	day.	Different employés.	Sex.	Rate	of v	vages.
July 1850- conc'd.	10 10	2	M M	\$1.50 1.67½	per	day.	Jan. 1856- cone'd.	10 10	1 1	M M	\$1.75 2.00	per	day.
Average	10	5	М	1.46	6.6	*1	Average	10	8	M	1.64	4.6	44
Jan. 1851	10 10 10	3 1 1	M M M	1. 37½ 1. 62½ 1. 83	14 46 46	44 41	July 1856	10 10 10 10	2 4 1 1	M M M	1.50 1.62½ 1.75 2.00	14 14 11	14 14
▲verage	10	5	М	1, 511	t i	44	Average	10	8	M	1.651	11	1.6
July 1851	10 10 10 10	1 1 1	M M M	1. 37½ 1. 62½ 1. 75 1. 83	43 44 44	44 44 44	Jan. 1857	10 10 10 10	2 3 2 1	M M M M	1. 50 1. 62½ 1. 75 2. 00	44 44 48	6 E 6 E 6 E
Average	<u> </u>	5	M	1.59		*	Average	1	8	M	1.67		64
						44	July 1857	10	1	м	1, 50	44	44
Jan. 1852	10 10 10 10 10	2 7 2 1	M M M M	1. 37½ 1. 50 1. 62½ 1. 75 1. 83	44	66 66 66	0 20 2001	10 10 10 10	1 5 1 1	M M M M	1, 62½ 1, 75 1, 87½ 2, 50	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	66 66
Average	10	13	м	1. 54	41	**	Average	10	9	M	1.80		**
J uly 1852	10 10 10 10	1 7 1	M M M	1. 371 1. 50 1. 621 1. 83	66 66 68	61 66 66	Jan. 1858	10 10 10 10 10	1 1 4 1	M M M M	1.50 1.621 1.75 1.871 2.50	64 64 64	44 46 48 48
Average		10	M	1.534	44	44	Average	10	8	м	1.81	44	
Jan. 1853	10 10 10 10	1 3 1 1	M M M	1.371 1.50 1.621 1.83	44	66 66 68	July 1858	10 10 10 10	1 1 2 1	M M M	1.371 1.50 1.621 1.69	4.4	41 46 44 44
Average	10	6	М	1.55	65	64	A	10	6	M	2. 25 1. 67 ¹ / ₃		44
July 1853	10 10 10 10	3	M M M M	1. 50 1. 621 1. 75 1. 83	44 44 48	64 66 66	Jan. 1859	10 10 10 10 10	1 1 2 1	M M M M	1. 37½ 1. 50 1. 62½ 1. 69	66 66 66	14 16 - 16
Average	10	8	M	1.62	**	65		10	1	М	2. 25		44
Jan. 1854	10 10 10	3	M M M	1.50 1.75 2.00	64 64	44 44 66	Average July 1859	10	6	M	1. 67		44
A.verage			. M.	1.71	. 44	44	"	10 10	1 3	M	1.50 1.62½	46	66 66
July 1854	10	1	M	1.50		"		10	1	M	1.69 2.25	16	"
	10 10	2 4	M M	1.624	4.6	44	Average	10	7	M	1.67	61	46
Average	10		M	2.00		11	Jan. 1860	10 10	3	M M	1.50 1.624	**	**
Jan. 1855		1	м	1. 50	44	44	l	10	1	M	2. 25	- "	41
	10 10 10	1		1. 624 1. 75 2. 00	f 46	64 64	July 1860	10	3	M	1.66	44	16
Average	10	7	м	1.66		44		10	3 1	M	1. 624 2. 25		4.6
July 1855	1	2		1. 50 1. 62	· "	44 46	Average		7 2	M M	1.66 1.50	- 66	46
Average	B 10	5	м	1.57	. "	44	Jan. 1861	10 10 10	3 1	M	1.62	1 11	64
Jan. 1856	10		M		**	16	Averag			-		. "	14

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

MOULDERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages:	=
July 1861	10 10 10	1 4 1	M M M	\$1.50 1.62½ 2.00	per	day.	Jan. 1867- conc'd.	10 10	6 1	M M	\$2.50 2.75		day.	
Average	10	6	М	1.661	41	44	Average	10	10	М	2. 41	46	1	
Jan. 1862	10 10 10	2 1 1	M M M	1. 50 1. 62½ 2. 00	6 E	64 64 66	July 1867	10 10 10 10	1 1 2 2	M M M M	2. 00 2. 25 2. 50 2. 75	66 66 66	11 11	
Average	10	4	M	1.65½	4.6	16	ļ.	10	5	М	3.00	66	44	
July 1862	10 10 10	4 2 1	М М М	$\begin{array}{c} 1.50 \\ 1.62\frac{1}{2} \\ 2.00 \end{array}$	66	66 68	Average Jan. 1868	10	11	M	2. 70½	11 .	"	
Average	10	7	М	1.601	44		-	10 10 10	1 1 5	M M M	2. 35	11	"	
Jan. 1863	10 10 10 10	1 2 2 1	M M M M	1.50 1.62½ 1.75 2.00	4 6 4 6 4 6	66 64 64	Average	10	8	М	3. 00 2. 79½	"	44	
Average	10	6	м	1.71	"	44	July 1868	10 10 10	2 1 5	M M M	2. 25 2. 50 3. 00	66 66	#6 #6	
July 1863	10 10 10	1 2 1	M M M	$1.62\frac{1}{2}$ 1.75 $1.87\frac{1}{2}$	6 6 6 6	6 6 6 6	Average	10	8	М	2.75	"	••	
Average	10	8	M M	2.00			Jan. 1869	10 10 10	1 1 1	M M M	2. 25 2. 50 2. 75	66 66	66 66	
Jan. 1864	10 10 10 10	1 1 3 1	M M M M	1.50 1.62½ 2.00 2.25	66 66 66	66 61 61	Average	10 10 10	1 8	M M M	3. 00 3. 50 2. 87	66	44 44	
Average	10	7	M	1.98	44	44	July 1869	10 10 10	2 1 4	M M M	2.50 2.75 3.00	46	46	
July 1864	10	1 1	M M	1. 75 1. 87½	11	11	Average	10	1 8	M	3.50 2.90 1	66	"	
	10 10 10	1 4 1	M M M	2. 00° 2. 50 2. 75	66 - 66	14 46 61	Jan. 1870	10 10	1 1	M M	2. 25 2. 50	44	46 46	
Average	10	8	M	2. 291	44	44		10 10 10	1 4 1	M M M	2, 75 8, 00 3, 50	46 46	16	
Jan. 1865	10 10 10	1 2 5	M M M	1.75 2.00 2.50	6 6 6 8	66 66	Average	10	8	M	2. 871	**		
Average	10	1 9	M	2. 75	**	44	July 1870	10 10 10	2 1 4	M M M	2.50 2.75 3.00	44 44	46 46	
July 1865	10	2	м	2,00	44			10	1	M	3.50	41	**	
	10 10	5 1	M M	2.50 2.75	44	11	Average	10	8	М	2. 90 <u>1</u>	64	44	
Average	10	8	M	2.401	44	**	Jan. 1871	10 10	3	M	2.50	66 66	16	
Jan. 1866	10 10	3 5	M M	2.00 2.50	44 44	16	Average	10	5	M	3.50	44	44	
Average	10	1 9	M	2. 75	"		July 1871	10 10	4 2	M M	2.50 3.00	64 66	"	
July 1866	10 10	3 6	M M	2.00 2.50	"	6 8 6 6 1 1	Average	10	7	M M	3.50) 2.78½	16	te ,	
Average	10	10	M	2.75			Jan. 1872	10	3	M	2. 50	r4	6 L	
Jan. 1867	10	2	M	2. 37½ 2. 00	10		,	10	1	M	3. 00 3. 50	46	11 -	
	10	ĩ	M	2, 33	11	11	Average	10	5	M i	2.80	44	44	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

MOULDERS-Continued.

Payroll of -	Hours per day.	Different employés.	Sex.	Rate	of w	rages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.
July 1872	10 10 10 10	1 3 1 1	M M M M	\$2,50 2,75 3,00 3,50	per "	day.	July 1878	10 10 10 10	1 3 3 1	M M M M	\$2. 12\\\\\2. 37\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	per	day.
Average	10	6	M	2.871	16	16	Average	10	.8	M	2.431	14	44
Jan. 1873	10 10 10 10	1 2 2 1	M M M M	2. 50 2. 75 3. 00 3. 50	46 66 14	6.6 6.6 6.6 1.6	Jan. 1879	10 10 10 10	1 2 4 1	M M M M	$ \begin{array}{c c} 2.12\frac{1}{2} \\ 2.37\frac{1}{2} \\ 2.50 \\ 2.75 \end{array} $	66 66 66	64 64 64
Average	10	6	M	2. 911	**	**	Average	10	8	M	2.451	"	**
July 1873	10 10	2 4	M M	2. 50 3. 00	"	44	July 1879	10 10	1 5	M M	1. 87½ 2. 25	46	11
Average	10	6	M	2.834	**	4.6		10	1	м	2.50	14	**
Jan. 1874	10 10 10 10	1 1 1 5	л Л Л	2. 00 2. 25 2. 50 3. 00	6 6 4 6 6 8	44 44 44	Average Jan. 1880	10 10 10	7 1 7	MMM	2. 23 1. 87½ 2. 25	4 E	66
Average	10	8	M	2.72	"	£¢.		10	1	M	2.50	**	
July 1874	10	1 1	M	2.25	16	11	Average	10	9	M	2. 231	11	**
	10 10 10	1 5	M M M	2. 50 2. 75 3. 00	66		July 1880	10 10 10	1 6 1	M M M	1. 87½ 2. 25 2. 50	44 66	6 6 6 6
Average	10	8	M	2. 811	£ £	ŧŧ	Average		8	M	2. 231	- 44	64
Jan. 1875	10 10	2 5	M	2.50 3.00	4.6	66	Jan. 1881	10	1 8	M	1. 87½ 2. 25	46	16
Average	₫0	7	М	2.851	**	4.6		10	i	M	2.50	66	44
July 1875	10 10	2 5	M	2.50 3.00	66	64	Average July 1881	10	10	M	2. 23½ 1. 87½	66	**
Average	10	7	М	2.851	6.6	44	0 41, 1002	10 10	1	M	2. 00 2. 25	66	44
J an. 1876	10 10	2 5	М	2.50 3.00	66	"	-	10 10 10	1 7	M M M	2. 37½ 2. 50 2. 75	14	66
Average	10	7	M	2.851	**	6.6	Average	10	15	М	2. 311		44
July 1876	10 10 10 10	2	M M M M	2. 25 2. 50 2. 75 3. 00	44 44 48	44	Jan. 1882	10 10 10 10	1 2 2 8	M M M M	1. 75 2. 00 2. 25 2. 50	6 6 6 6 6 6	44 46 16
Average	e 10	5	M	2.65		66		10	ĭ	M	2. 75	44	4.6
J an. 1877	10 10 10	2	M	2. 123 2. 373 2. 50	**	6 6 6 6 6 6	Average July 1882	10	14	M	2. 35 1	**	"_
	10			2.75	. "	44		10 10	1 1	M	2. 50 2. 62½ 2. 75		11
Average	10	6	M	2.43				10 10	7	M	3.00	66	66
July 1877	10 10	2 3	M	2. 124 2. 374 2. 50	66 E 66	16 16	Average Jan. 1883	1		M	2. 61½ 2. 00		46
A Para	10 10		_!	2. 75	-	44	0 all. 1000	10 10	1 1	M	2, 25 2, 50	44	16 16
Average Jan. 1878				2. 12		46		10	10	M	2.75 3.00	66	**
e will. 1918	10 10	4	M	2. 37 1 2. 50 2. 75	11 14	4.6 4.6	Averag		-		2.66		
Average) 10 e ₁ 10	-!		-	- '		July 1883	10				66	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

MOULDERS-Concluded.

Payron	Hours per day.	Different employés	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1883- conc d.	10 10	7 I	Л	\$2.75 3.00	per	day.	Jan. 1888	10 10 10	2 5 1	л Л Л	\$2.50 2.75 3.00	per	day.
Average	10	10	М	2. 65	44	4.6	Average	10	8	М.	2. 72	16	66
Jan. 1884	10 10 10	1 1 6	Т Л	2.00 2.37½ 2.75	11	44	July 1858	10 10	1 5	M	2.50 2.75	66	46
	10	1	M	3.00	66	4.6		10	ĭ	M	3.00	4.6	44
$A imes ilde{ ilde{ ilde{r}}} ilde{ ilde{c}} ilde{ ilde{c}}$	10	9	М	2. 651	6.6	6.6	Ауегаде	10	7	М	2.75	6.6	44
July 1884	10 10	4 1	$\frac{n}{M}$	$\frac{2.47}{2.70}$	6.6	66	Jan. 1889	10 10	1 3 4	M M M	2.50 $2.62\frac{1}{2}$ 2.75	11	",
Average	10	5	M	2.52		**		10	ī	M	3.00	66	66
Jan. 1885	10 10	4	M M	2. 47½ 2. 70	66	44	Average	10	9	м	2.71	64	"
Average	10	5	M	2. 52	46	44	July 1889	10 10 10	1 3 2	M M M	2.00 2.50 2.624	66	66 66
July 1885	10 10	1 5	M	2. 12½ 2. 47½	64 64	4E 4E		10 10	1	Ж	2.75	66	44
. !	10	. 1	М	2. 70		**	Average	10	11	М	2.613	46	44
Average	10	7	М	2. 451			Jan. 1890	10 10	1	M M	2.00 2.50	66	£ £
Jan. 1886	10 10 10	1 5 1	M M	$\begin{array}{c c} 2. & 12\frac{1}{2} \\ 2. & 17\frac{1}{2} \\ 2. & 70 \end{array}$	66	6 6 6 6		10 10 10	1 4 1	M M M	2. 62½ 2. 75 3. 00	44 66	- 66 46 68
Average	10	7	.M.	2.451	**	6.6	Average	10	8	М	2.64	66	44
July 1886	10 10 10 10	1 6 4 1	м М М	1.80 2.50 2.75 3.00	66 64 14	66 64 66	July 1890	10 10 10 10	2 1 4 1	л л л	2.50 2.621 2.75 3.00	66 66 68	66 66 68
Average	10	12	Л	2.56	44	4.5	Average	10	8	M	2.701	44	a
Jan. 1887	10 10 10 10	1 2 3 1	л л л	1.80 2.50 2.75 3.00	66 66	66 . 18 66	Jan. 1891	10 10 10 10	1 4 6 1	л л л	2. 124 2. 50 2. 75 3. 00	6E 6E	6.6 6.6 6.6
Average	10	. 7	M	2.58	4.6	14	Average	10	12	М	2. 63½	6.6	α
July 1887	10 10 10	1 4	<u>м</u> м	2. 50 2. 75 3. 00	64	41 66 16	July 1891	10 10 10 10	1 4 1 2	М М М	2. 12½ 2. 50 2. 62½ 2. 75	46 46 46	11
Average	10	6	М	2.75		66	Average	10	. 8	M	2. 53	66	€i

MOULDERS' APPRENTICES.

Jan. 1846 July 1846 Jan. 1847	10 40 10	1 M 1 M 1 M	. 62½ . 62½ . 87½	- 61	day.	Jan. 1849	10 10	1 2	M M	. 41	per	day.
July 1847	10	1 M	.40	**	46	Average -	10	3	м	. 47	44	4
Average	10	1 M	1.00	46	"	July 1849	10 10	1 2	M.	. 41	44	16
Jan. 1848	10	1 M	. 50	•	ti	Average	10	3	м	. 554	.4	44
July 1248	10 10	1 M 2 M	. 41 . 50	66	66	Jan. 1956	10 10	1 2	M M	.41 .623	66 68	66 11
Average.	10	3 71	. 47	44	44	Average	10	3	М	. 55	46	66

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

MOULDERS' APPRENTICES-Continued.

Payron	Hours per	Dinorone	Sex.	Rate	of w	ages.	Fayron	Honra per	Different	Sex.	Rate	of w	ages.
ol— ———	day.	employés.					of—	day.	employés.	_			
July 1850	10 10 10	1 1 2	M M M	623	per (lay.	Jan. 1858	10 10 10	1 2 1	M M M	\$0.33\frac{1}{2} .50 .87\frac{1}{2}	per	day.
	10	1	M	, 68	16		Average	10	4	M	. 551	**	44
Average		5	M	. 52	"	44	July 1858	10	4	M	. 50	44	44
Jan. 1851	10 10 10	1 1	M M M	. 25 . 41 . 75	44	44	Average	10	5	M	. 81	44	44
Average		3	M	. 47		**	Jan. 1859	10 10	4 1	M	.50	**	66
July 1851	10 10	1 1	M	.37½	66	66	Average		5	M	. 56	44	**
	10 10	I 1	M M	.68	14	11	July 1859	10 10	2	M	.50 ,62½	46	"
Average	10	1	M	. 55\frac{1}{2}		44		10	ī	M	. 83 1	" "	4.4
Jan. 1852	10 -10	1	M	. 37½ . 50	11	46	Average	10	4	M	. 611	44	44
•	10	i	M	1. 123	: 6	**	Jan. 1860	10 10	3	M	. 62½ . 83½	64	44
Average	10	3	M	, 66½	4.6	44	- Average	10	4	M	. 67½	**	4.6
July 1852	1	2	M	.50	"	61 64	July 1860	10	1	М	. 621	11	44
Jan. 1853	10 10	1 2	M	.371	44	66		10	1	M	. 67 <u>1</u> . 83 <u>1</u>		44
Average	e 10	3	M	. 46	14	14	Average	10	3	M	. 71	66	41
July 1853	10	1	M	. 37½ . 50	44	4.6	Jan. 1861	10 10	2	M	. 62½ . 83½		44
	10	1	M	. 62½ . 67½	44	44	Averag	e 10	3	M	. 693	4.6	6.6
	10	1	_	. 73	66	44	July 1861	10	1	M	. 623	11	16
Averag	1 .		1	, 583	- 16		Jan. 1862 July 1862	10	1	M	. 75 . 75 . 75	11	44
Jan. 1854	10	1		. 371	44	66	July 1864		1		. 58	44	44
	10	_	-	. 62½	"	"	Jan, 1865	10		M	. 75	44	44
Averag			1	. 50	41	46	Averag	e 10	2	M	. 66	44	t t
July 1854	10 10 10	1	M	.50 .623 .75		66	July 1868 Jan. 1866	10			. 58	44	16
Averag	e 10	8	М	. 621	**	44	July 1860	5 10 10			. 67	£ ;;	66
Jan. 185				.50	11	"	Averag			_			4.8
	10		M	.75	6.5	44	Jan. 186				. 50	4.6	
Averag	e 10) [M	. 621	**	16		10	1	M	_	_	
July 185	5 10 10				"	66	Averag	e 10) 2				
	10			. 87		44	July 186 Jan. 186				.50		
Averag	;e 10) ;	3 M	-	61		July 186	8 10			. 62	1 41	
Jan. 185 July 185	6 10 6 10		M M		£ 44	66		10		M		<u>3</u>	
Jan. 185	1) :	M M	. 33	44	16	Averag			2 M 1 M	1	-	
. Averag		_!	3 M		-	44	Jan. 186 July 186	9 10	0] :	1 M 1 M 1 M	[1.17	1 4	6 66
July 185	7 10) :	2 M	. 50	4.6		Jan. 187 July 187 Jan. 187	0 10)	i M	1.17	ž 1	
5" Zi *1=	10		M 3 M		2		July 187 Jan. 187	1 1	0	M M	[1.00) 4	1 11
Averag	e 10 1750) 09, pt. 2		_76	2		11 0 4111 101	_, *	- '		. 2		

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

MOULDERS' APPRENTICES-Concluded.

														_
Payroll of—	Hours per day.	Different employés.		Rate	e of	wages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of	wages	
July 1873 Jan. 1874 July 1874	19 10 10	1 1 1	M M M	\$0.50 .50 .50	per	day.	Jan. 1875 July 1875 Jan. 1876	10 10 10	1 1 1	M M M	\$0.50 .66½ .66½	per	day.	_
				1	MOU	LDERS	HELPERS	š.			•		2	
J an. 1854	10 10	1 1	M M	1.00 1.25	per	day.	July 1860- cone'd.	10 10	1 1	M M	1. 12½ 1. 17	per	day.	_
Average	10	2	М	1. 121	**	44	Average	10	4	М	1.091	44 ~	64	
J uly 1854	10 10	1 2	M M	1.00 1.25	66	44	Jan. 1861	10 10 10	. 1 1 1	M M M	1.00 1.08	66 66	. 66 . 64	
Average	10	3	M	1. 16 1	**	**		10	1	M	1. 12½ 1. 17	4.6	41	
Jan. 1855	10 10	1 1	M M	1.00 1.25	86	44	Average		4	м	1.091	ft	44	
Average	10	2	M	1. 121	44	44	July 1861	10 10	1	M M	1.00 1.17	44	**	
July 1855	10	1	М.	1.00	44	64		10	1	M	1. 25	44	44	
Jan. 1856	10 10	1	M M	1. 12½ 1. 25	14	44	Average Jan. 1862	10	3	M M	1.14	"	+6	
Average	10	2	м	1. 181	44	44		10 10	1 1	M M	1. 17 1. 25	"	44	
July 1856	10	1	м	1. 17	**	44	Average	10	4	М	1. 101	**	"	
·	10 10	1 1	M	1. 25 1. 50		44	July 1862	10	1	м	1.00	11	44	
Average	10	3	M	1.301	8.6	**		10 10	1 1	M	1.08 1.17	11	11	
Jan. 1857	10	1	M	1. 17	"	44	Average	10	3/	M	1.081	at	44	
Jul y 1857	10 10	1	M M	1. 08 1. 17	64 64	41 11	Jan. 1863	10 10	2	M M	1. 00 1. 08	11	11	
Average	10	2	M	1. 121	44	44		10	1	M	1.17	41	14	
Jan. 1858	10 10	. 1	M M	1.08 1.17	11	44	Average July 1863	10 10	4 2	M M	1.06½ 1.12½	**	11	
Average	10			1. 121	44	"		10 10	ĩ	M	1. 25 1. 371	**	66	,
July 1858	10 10	1 1	M M	1.08 1.124	64	16 69	Average	10	4	М	1. 22	**	"	•
Average	10	3	M M	1. 17	**	44	Jan. 1864	10 10	2	M M	$\frac{1.12\frac{1}{2}}{1.37\frac{1}{2}}$	11	**	-
Jan. 1859	10	1	м	1.08	44	",	Average	10	3	М	1. 21	44		
2 2000	10	i	M	1. 12½ 1. 17	66	41/4	July 1864	10 10	1 2	M M	1.00 1.62½	46	11	
Average	10	3	M	1. 121	66	"	Average	10	3	M	1.411	6.6	44	
July 1859	10 10 10	1 1	M M M	1.08 $1.12\frac{1}{2}$ 1.17	4.6 6.5	44	Jan. 1865	10 10	1 2	M M	1.00 1.62 <u>1</u>	"	66 48	
	10		M	1. 25	44	**	Average	10	3	M	1.411	"	44	
Average	10	4	м	1. 151	44	**	July 1865	10 10	1 2	M M	1. 12½ 1. 62½	44	46 16	
Jan. 1860	10 10 10	1 1 1	M M M	1.08 $1.12\frac{1}{2}$ 1.17	6 6 6 6	64 46	Average	10	3	M	1. 46		•	
Average,	10	3	M.	1. 121	61		Jan. 1866	10 10	1 1		1.50 1.62 1	61	11	
July 1860	10 10	1	M M	1.00 1.08	16	**	Average	10	3	M	1. 75	64	"	
								-0 1	١٥	TT (A. UZ	-		

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

MOULDERS' HELPERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day:	Different employés.	Sex.	Rate	of	wages	3.
July 1866	10 10	1	M M	1.621	6.6	day.	July 1871	10	3		\$2.00	-	day.	
	10	1		1. 75	44	11 -	Jan. 1872	10	1	M	1.50 2.00	44	44	. (
Average	10	3	M	1.62			Average	10	2	м	1.75		4.6	
Jan. 1867	10 10	2	M M	1. 62½ 1. 75		11	July 1872	10 10	2 2	M M	1.50 2.00	11	11	
Average	10	3	M	1.66½	44	4.4	Average		4	M	1.75	4.6	66	
July 1867	10 10	1 1	M	1.00 1.621	64 64	4 E E E	Jan. 1873	10	1	м	1.50	11	44	
	10	2	M	1.75				10	3	M.	2.00		66	
Average	10	4	M	1,53	44	45	Average		4	M	1.871			
Jan. 1868	10	1 1	M	1. 00 1. 62½	"	11	July 1873 Jan. 1874 July 1874	10 10 10	1 1	M M M	2.00 2.00 2.00	16	66 64	
Average	10	2	M	1.311	44	44	Jan. 1875	10	1	M	2.00	44	16	
July 1868	10 10	1 1	M	1.00 1.75	6.6 6.6	46	July 1875 Jan. 1876 July 1876	10 10 10	1 }	M	2.00 1.75	44	6 E	
Average	10	2	M	1.371	44	14	Jap. 1877 July 1877	10 10	1 1	M	1. 621 1. 621	11	44	
Jan. 1869	10 10	1 2	M M	1. 17½ 2. 00	44	44	Jan. 1878 July 1878 Jan. 1879	10 10 10	1 1 1	M M M	1. 624 1. 624 1. 624	6.5	46 61	
Average	. 10	3	M	1.724	44	44	July 1879 Jan. 1880	10	1	M	1.55 1.55	44	41	
July 1869	10 - 10	1 2	M M	$1.17\frac{1}{2}$ 2.00	"	44 44 ,	July 1880 Jan. 1881 July 1881	10 10 10	1 1	M M M	1.55 1.55 1.621	64	16	
Average	10	3	M	1.721	64	4.6	Jan. 1882 July 1882	10	1 1	M	1. 621 1. 75	14	41	
Jan. 1870	10	1 2	M M	$\frac{1.17\frac{1}{2}}{2.00}$	44	41	Jan. 1883 July 1883 Jan. 1884	10 19 10	1 1 1 1	M M M M	1.75 1.75 1.57	"	44	
Average	10	3	М	1.72	66	44	July 1884 Jan. 1885	10	1	M	1.57	++	44	
July 1870	10 10	1 2	MM	1.18 2.00	44	44	July 1885 Jan. 1886 July 1886	10 10 10	1 I 1	M M M	1. 57 1. 57 1. 57		66	
Average	10	3	M	1.721		**	Jan. 1887 July 1887	10 10	1 1	M	1.57			
Jan. 1871	10 10	1 3	M M	1.50 2.00	66	66	Jan. 1888 July 1888	10 10	1 1	M	1.57 1.57	"	1.6	
Average	10	4	M	1.87½	64	**	Jan. 1889	10	1	М	1. 57	1		

Jan. 1846	10 10	2 1	M M	1. 25 1. 37½	per	day.	July 1848	10 10	3 3	M M	1. 25 1. 37½	per	day.
Average	10	3	м	1. 29	11	44	Average	10.	6	M	1. 311	4.6	**
July 1846	10 10	2 1	M M	1. 25 1. 37 <u>1</u>	**	64	Jan. 1849	10 10	2 3	M	1. 25 1. 37½	44	44
Average	10	3	M	1.29	**	66	Average	10	5	м	1. 32½	6.6	**
Jan. 1847	10	2	M	1. 25	44	46	July 1849	10	9	м	1. 25	44	tt.
July 1847	10 10	1 2	M M	1.25 1.37½	66	44	July 1849	10	2 2	м	1. 371	16	"
Average	10	3	M	1.331	66	46	Average	10	4	M	1.31	66	**
Jan. 1848	10 10	3 2	M M	1.25 1.37½	**	44	Jan. 1850	10 10	2 2	M M	1. 25 1. 37½	11	66
Average	10	5	М	1.30	6.6	64	Average	10	4	M	1. 31	44	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

PATTERNMAKERS-Continued.

				IA	11/16/4/31/3		naou.						
Payroll of—	Houre per day	Different employés.	Sex.	Rate	of wages	Payroll of—	Hours per day.	Different employés	Sex.	Rat	e of	wag	es.
July 1850	10 10	2 2	M M	\$1.25 1.37±	per day.	Jan. 1857	10 10	1 2	M M	\$1.50 1.62	pe	r day	7.
Average	10	4	М	1.311	ti ii	Average	10	3	M	1.58	- } "		
Jan. 1851	10 10 10	2 1 1	M M M	1, 25 1, 371 1, 50	66 66 66 66	July 1857	10 10	1 2	M M	1.50 1.62			
Average	10	4	М	1.341	44 44	Average	10	3	M	1.583	- 44	**	
July 1851	10 10 10	2 2 1	M M M	1. 25 1. 37½ 1. 50	ee 46	Jan. 1858	10 10	1 2	M	1.50 1.62		11	
Average	ļ	. 5	M	1. 35	14 46	Average	10	3	М	1.58	44	16	
Jan. 1852	10	1 1	M M	1. 25 1. 371	16 46	July 1858	10 10 10	1 1 1	M M M	1. 37½ 1. 50 1. 62½		11 11	
	10	2	М	1.50	£6 66	. Average	10	3	M	1.50	**	**	
Average July 1852	10 10	2 2	M M M	1. 40½ 1. 37½ 1. 50	44 14 44 44	Jan. 1859	10 10 10	1 1 1	M M M	1. 37½ 1. 50 1. 62¼	66 66	11	
Average		4	M	1.431	14 44	Average	10	3	M	1. 50	48	4.6	
Jan. 1853	10 10	2 2	M M	1. 37½ 1. 50	11 15	July 1859	10 10 10	1 1 1	M M M	1. 37½ 1. 50 1. 62½	# ##	64 64	
Average	10	4	М	1. 431	44 44	Average	10	3	M	1. 50		44	
July 1853	10 10 10	3 1 2	M M M	1. 37½ 1. 50 1. 62½	45 44 44 44	Jan. 1860	10 10 10	1 1 1	M M	1. 37½ 1. 50 1. 62½	66	"	
Average	10	6	M	1.48	66 25	Average	10	3		1. 50	14	44	,
Jan. 1854	10 10 10	$\frac{1}{2}$	M M M	1. 37½ 1. 50 1. 62½	16 65 44 14 66 61	July 1860.	10 10 10	1 1 1	M M	1. 37½ 1. 50 1. 62¾	11	"	
Average	10	4	М	1. 50	11 11	Average	10	3		1.50	11	19	
July 1854	10 10 10 10	1 1 2 1	M M M	1. 37½ 1. 50 1. 62½ 1. 75	44 44 44 64 44 64	Jan. 1861	10 10 10	1 1 1	M	1. 37½ 1. 50 1. 62½	4 t 6 t	3.5 4.6 4.6	
Average	10	5	M	1. 571	y	Average	10	3	м	1. 50	**	14	
Jan. 1855	10 10 10	1 2 1	M M M	1. 37½ 1. 62½ 1. 75	66 66 66 66	July 1861	10 10 10	1 1 1	M 1	1, 25 1, 37 <u>1</u> 1, 62 <u>1</u>	66	14 14	
Average	10	4	/.	1. 591	44 86	Average	10	3	M	. 411	11	44	
July 1855	10 10 10	1 2 1	M M	1, 37 <u>1</u> 1, 62 <u>1</u>	16 44 44 68 66 46	Jan. 1862	10 10 10	1 1 1	М 1	. 25 . 37 <u>1</u> . 62 <u>1</u>	4.6	66 66 66	
Average	10			1.70	11 41	Average	10	3	M 1	. 41½	14	44	
Jan. 1856	10 10 10	1 2	M 1 M 1	1.37 <u>4</u> 4 .62§ 4	4 44	July 1862	10 10 10	1 1 1	M 1	. 371	11	66 66	,
Average	10		-	. 75		Average	10	3			66	68	,
July 1856 Average	10	1 1	M 1.	371 16 621 11	44	Jan. 1863	10 10 10	1	M 1 M 1	. 25 . 37 1	46	46 46	
- retage	10	3 7	A 1.	54 "	**	Average	10					s4	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

PATTERNMAKERS Continued.

Payroll Payr								-						
10	Payron	per	Tunctenc	Sex.	Rate	of v	rages.	1 (() 1011	Houre	Difficient	Sex.	Rate	of y	vages.
Jan. 1864 10	de .	10	1	M.	1.50	* *	**	Jan. 1870	10	1	M	2. 25	**	
Average 10	Average	10	3	M	1. 54	**	44	Average	10	. 3	M	2.331		4.6
Average 10 3 M 1.58\frac{1}{2} 10 3 M 2.83\frac{1}{2} 10 1 M 1.75 10 10 2 M 2.50 10 10 1 M 2.75 10 10 10 2 M 3.00 10 10 10 10 10 2 M 3.00 10 10 10 10 10 2 M 3.00 10 10 10 10 10 10 10	Jan. 1864	10	1	M	1.50	14	46 .	July 1870						
July 1864 10		- 5	ļ				"	Average	10 -	3	M	2.831	6.6	6.6
Average 10	,	10	1	M	1.75		66	Jan. 1871						
Average 10				M				Average	10	4	M	2.75	44	4.6
Average 10	_							July 1871						
Average 10	Jan. 1865	10	1	M	1.87	4 £	44	Average	10.	4	М	2.75	6.6	4.4
July 1865 10	Average		·					Jan. 1872				2.50 3.00		
Average 10 1 M 1.87½ " " Average 10 2 M 2.50 " " Average 10 1 M 2.00 " " Average 10 1 M 2.00 " " Average 10 2 M 2.50 " " Average 10 1 M 2.00 " " Average 10 2 M 2.50 " " Average 10 1 M 2.50 " " Average 10 2 M 2.50 " " Average 10 1 M 2.50 " " Average 10 2 M 2.50 " " Average 10 1 M 2.50 " " Average 10 2 M 2.50 " " Average 10 1 M 2.50 " " Average 10 2 M 2.50 " " Average 10 1 M 2.50 " " Average 10 2 M 2.50 " " Average 10 2 M 2.50 " " Average 10 2 M 2.50 " " Average 10 2 M 2.50 " " Average 10 2 M 2.50 " " Average 10 2 M 2.50 " " Average 10 2 M 2.50 " " Average 10 2 M 2.50 " " Average 10 2 M 2.50 " " Average 10 2 M 2.50 " " Average 10 1 M 2.50 " " Avera	July 1865	10		M				Average	10	4	M	2.75	44	44
Jan. 1866 10	, o				1.87½ 2.50	£L	**	July 1872						**
Jan. 1866 10 1 M 1.875 " " Jan. 1873 10 1 M 1.75 " " Jan. 1873 10 1 M 2.50 " " Jan. 1873 10 1 M 2.50 " " Average 10 1 M 2.50 " " Average 10 1 M 2.50 " " Average 10 5 M 2.55 " " July 1866 10 1 M 1.87½ " " July 1873 10 1 M 2.50 " " M 2.50 " " M 2.50 " M 2.50 " M 2.50 " M 2.50 " M 2.50 " M 2.50 " M 2.50 " M 2.50 " M 2.50 " M 2.50 " M 2.50<	Average	10	3	M	2.04	11		Average	10	4	М	2.75	16	44
Average 10 4 M 2.03 Average 10 5 M 2.55 July 1866 10 1 M 1.75 July 1873 10 1 M 2.00 10 1 M 2.50 10 1 M 2.50 10 1 M 2.50 10 1 M 2.50 10 1 M 2.75 10 1 M 2.75	Jan. 1866	10 10	1 1	M	$1.87\frac{1}{2}$ 2.00	66	44	Jan. 1873	10	2	M	2,50	11	6.6 6.6
July 1866 10 1 M 1.75 "" July 1873 10 1 M 2.00 "" Average 10 1 M 1.871 "" July 1873 10 1 M 2.00 "" Average 10 1 M 2.00 "" Average 10 1 M 2.75 "" Jan. 1867 10 1 M 1.75 "" Jan. 1874 10 1 M 2.00 "" July 1867 10 1 M 2.00 "" Jan. 1874 10 1 M 2.00 "" July 1867 10 2 M 2.08½ "" Average 10 5 M 2.55 "" Average 10 3 M 2.28½ "" Average 10 5 M 2.55 "" July 1867 10 3 M 2.25 ""	Average	-	4					Average				-		4.6
Average 10 3 M 2.00 " " Average 10 5 M 2.55 " " Average 10 3 M 2.25 " " July 1867 10 2 M 2.75 " " Average 10 3 M 2.25 " " Average 10 5 M 2.55 " " Aver	July 1866	10	1 -		1. 75			July 1873		1		2.00		44
Average 10 4 M 2.03 " Average 10 0 M 2.02 " Jan. 1867 10 1 M 1.75 " " Jan. 1874 10 1 M 2.00 " 10 1 M 2.00 " 10 1 M 2.75 " 4 Average 10 5 M 2.55 " 4 Average 10 5 M 2.55 " 4 Average 10 1 M 2.00 " " Average 10 5 M 2.55 " 4 Average 10 1 M 2.00 " " July 1874 10 1 M 2.00 " " July 1874 10 1 M 2.00 " " Average 10 1 M 2.00 " " Average 10 5 M 2.55 "		10	1	M	2.00	44	4.6		10	1	M	2.75	4.6	44
Jan. 1867 10	Averáge	10	4	М	2.03	44	44	Average	10	6	М	2.62	**	44
Average 10 3 M 2.08½ " " Average 10 5 M 2.55 " " Average 10 3 M 2.25 " " Average 10 3 M 2.25 " " Average 10 3 M 2.25 " " Average 10 3 M 2.25 " " Average 10 10 1 M 2.75 " " Average 10 1 M 2.55 " " Average 10 1 M 2.75 " " Average 10 1 M 2.75 " " Average 10 1 M 2.75 " " Average 10 1 M 2.25 " " Average 10 1 M 2.25 " " Average 10 1 M 2.25 " " Average 10 1 M 2.25 " " Average 10 1 M 2.25 " " Average 10 1 M 2.25 " " Average 10 1 M 2.25 " " Average 10 1 M 2.25 " " Average 10 1 M 2.25 " " The state of th	Jan. 1867	10	1	M	2.00	11	1.6	Jan. 1874	10	2	M	2.50	4.6	
Average 10 2 M 2.00 % 4 Average 10 5 M 2.55 % 4 Average 10 1 M 2.00 % 4 July 1874 10 1 M 2.00 % 4 Jan. 1868 10 2 M 2.25 % 4 Average 10 1 M 2.75 % 4 Average 10 3 M 2.25 % 4 Average 10 5 M 2.55 % 4 Average 10 1 M 2.25 % 4 Average 10 1 M 2.55 % 4 July 1868 10 1 M 2.25 % 4 Average 10 1 M 2.25 % 4 Average 10 1 M 2.25 % 4 Average 10 1 M 2.55 % 4 Average 10 3 M 2.33½ 4			-!	-	ļ									6.6
Average 10 3 M 2.25 " " Average 10 3 M 2.25 " " Average 10 3 M 2.25 " " Average 10 1 M 2.25 " " Average 10 1 M 2.25 " " Average 10 1 M 2.25 " " Average 10 1 M 2.25 " " Average 10 1 M 2.25 " " Average 10 1 M 2.25 " " Average 10 1 M 2.25 " " Average 10 1 M 2.25 " " Average 10 1 M 2.25 " " Average 10 1 M 2.25 " " Average 10 1 M 2.25 " " Average 10 1 M 2.25 " " Average 10 1 M 2.25 " " Average 10 1 M 2.25 " " Average 10 1 M 2.25 " " Average 10 1 M 2.25 " " Average 10 1 M 2.25 " " Iverage 10 1 M 2.25 " Iverage 10 1 M 3.00 " Iverage 10 Iver		10	2	м	2.00	11	44	Average	10	5	М			
Average 10 3 M 2.25 " " " " " " " " " " " " " " " " " " "		10	!	-	-			July 1874						44
Jan. 1868 10 2 M 2. 00. " " Average 10 5 M 2. 55 " " " Average 10 1 M 2. 25 " " " Jan. 1875 10 1 M 2. 25 " " " July 1868 10 1 M 2. 25 " " " 10 1 M 2. 75 " " " Average 10 1 M 2. 75 " " " Average 10 1 M 2. 62½ " " " Jan. 1869 10 1 M 2. 00 " " " Average 10 4 M 2. 62½ " " " Jan. 1869 10 1 M 2. 25 " " " July 1875 10 1 M 2. 25 " " " 10 1 M 2. 75 " " " July 1875 10 1 M 2. 55 " " " 10 1 M 2. 75 " " " 10 1 M 2. 75 " " "		-1	-					li	10		M	2.75		
July 1868 10 1 M 2.00 " " 10 1 M 2.55 " M 2.50 " M 2.50 " M 2.50 " M 2.50 " M 2.75 " 10 1 M 2.50 " " 10 1 M 2.00 " " Jan. 1869 10 1 M 2.00 " " Average 10 4 M 2.62½ " " July 1875 10 1 M 2.25 " " 10 1 M 2.75 " " 10 1 M 2.75 " " 10 1 M 2.75 " " 10 1 M 2.75 " " 10 1 M 2.75 " " 10 1 M 2.75 " " 10 1 M 2.75 " " 10 1 M 2.75 " " 10 1 M 2.75 " " 10 1 <t< td=""><td>Jan. 1868</td><td></td><td></td><td></td><td></td><td></td><td></td><td>Average</td><td>-</td><td></td><td>-!</td><td>- </td><td></td><td></td></t<>	Jan. 1868							Average	-		-!	-		
July 1868 10 1 M 2.00 " " 10 1 M 2.55 " " 10 1 M 2.75 " " Average 10 3 M 2.33½ " " Average 10 4 M 2.62½ " Jan. 1869 10 1 M 2.25 " " 10 1 M 2.25 " " 10 1 M 2.50 " 10 1 M 2.55 " 10 1 M 2.75 " 10 1 M 2.75 " 10 1 M 2.75 " 10 1 M 2.75 " 10 1 M 2.75 " 10 1 M 3.00 "	Average	10	3	M	2.25	141	4.6	Jan. 1875	10					
Jan. 1869 10 1 M 2.75 " " Average 10 1 M 2.62½ " " Average 10 1 M 2.25 " " July 1875 10 1 M 2.55 " " 10 1 M 2.75 " " 10 1 M 2.75 " " 10 1 M 2.75 " " 10 1 M 2.75 " " 10 1 M 2.75 " " 10 1 M 2.75 " " 10 1 M 2.75 " " 10 1 M 3.00 " " 10 1 M 2.75 " " 10 1 M 3.00 " 10 1 M 3.00 " 10 1 M 3.00 " 10 1 M 3.00 " 10 1 M 3.00 " 10 1 M 3.00 " 10 1 M 3.00 " 10 1 M	July 1868								10	1		2.50 2.75	6.6	6.6
Average 10 3 M 2.33½ " Average 10 4 M 2.02½ Jan. 1869 10 1 M 2.00 " " July 1875 10 1 M 2.25 " " 10 1 M 2.75 " " 10 1 M 2.75 " " 10 1 M 2.75 " " " 10 1 M 2.75 " " 10 1 M 3.00 " " " " " "					2.75		6.4						- "	
July 1875 10 1 M 2.25 " " July 1875 10 1 M 2.50 " 10 1 M 2.75 " " 10 1 M 2.75	Average	10	3	M	2, 331	**	**	Average	е 10	4	M	2. 62	ł "	4.5
10 1 M 2.75 " 10 1 M 2.75 " 10 10 1 M 2.75 " 10 10 1 M 3.00 "	Jan. 1869							July 1875	10			2. 25		
10 1 M 3.00 "									10	1	M	2, 75	41	6.4
Average 10 3 III 5.00g	Average	10	3	M.	2.331		4.6		10	1	_	-	-	
July 1869 10 1 M 2.50 " " Average 10 4 M 2.62½ " "	-	10											2	r
	Average	10	3	M	2. 83	**	4.6	Jan. 1876						

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

PATTERNMAKERS—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	e of	wages
Jan. 1876- conc'd.	10 10	1 1	M M M	\$2.75 3.00 2.62\frac{1}{2}		day.	July 1882	10 10 10	3 2 3	M M M	\$2.00 2.25 2.50	44	day.
July 1876	10 10 10	1.1	M M	1. 87½ 2. 25	66	"	Average	10		M	2.75		44
	10	1	M	2. 75 3. 00	64	66	Jan. 1883	10 10 10	1 2 1	М М М	2. 00 2. 25 2. 50	66 66	46 46
Average	10	4	M	2.47	44	41	1	10	Î 2	M	2.75 3.00	11	44
Jan. 1877	10 10 10 10	1 1 1 1	M M M	2, 00 2, 25 2, 75 3, 00	64 64	66 66	Average	10	7	M	2.531		**
Average	10	4	M	2.50	44	**	July 1883	10 10 10 10	1 1 1 2	M M M M	2. 00 2. 25 2. 50 3. 00	64 64	44 44
July 1877	10 10 10	1 1 1	M M M	2. 00 2. 75 3. 00	44	16 46 48	Average	10	5	М	2. 55	"	66
Average	i	3	М	2.581	44	4.5	Jan. 1884	10 10 10	1 1 1	M M M	2.00 2.25 2.50	11 11	61 66
Jan1878	10 10 10	1 1 1	M M M	2. 00 2. 75 3. 00	16	66	Average	10	6	M	3. 00 2. 62½	44	**
Average		3-	. М	2.581	"	44	July 1884	10 10	1	M M	2.00 2.25	"	"
July 1878	10 10 10	1 ' 1 1	M M M	2. 00 2. 75 3. 00	**	6.6 4.6		10 10	1 2	M M	2. 50 3. 00	• • •	44
Avérage	10	3	M	2. 581	**	**	Average	10	5	M	2. 55	44	46
Jan. 1879	10 10	1 1	M M	2, 00 2, 75	66	44	Jan. 1885	10 10 10 10	1 1 1 2	M M M	2. 00 2. 25 2. 50 3. 00	44	11
Average	10	2	М	$2.37\frac{1}{2}$	"	44	Average	10	5	M	2. 55	11	44
July 1879	10 10 10	2 1 1	и И М	1.75 2.00 2.75	66 64	66 66	July 1885	10 10	1 1	M M	2. 00 2. 25	16 51	66 66
∠ Average	10	4	М	2.061	14	44		10 10	1 2	M M	2.50 3.00	11	44
Jan. 1880	10 10 10	3 2 1	M M M	1.75 2.00 3.00	11 11	66 64	Average	10	5.	м	2. 55 2. 00	44	"
Average July 1880	10	6	71	2. 04	"	44	Jan. 1886	10 10 10 10	1 1 2 1	M M M	2. 25 2. 50 3. 00	66 66	61 14 46
1000	10 10 10	1 1	M M M	2.00 2.25 3.00	44	11	Average	10	5	М	2. 45	44	**
Average	10	G	М	2. 21	14	**	July 1886	10 10	1 3	M M	$\frac{2.00}{2.25}$	**	61 61
Jan. 1881	10 10 10	4 2 1	M M M	2. 00 2. 25 2. 50	16	44	_	10 10	1	M	2. 50 3. 00	46	**
Average	10	7	M	2. 14½	* 1	66	Average	10	6	M	2. 37½	64	**
July 1881	10 10 10	4 5 1	M M M	2, 0 0 2, 25 2, 50	44 44	66 66	Jan. 1887	10 10 10	3 1	M M M	2, 00 2, 25 2, 50	44	44 11
Average	10	10	M	2. 17½	64	"	Average	10	5	М	2. 25	**	**
Jan. 1882	10 10 10	4 I 4	M	2. 25	44	61 11	July 1887	10 10 10	1 2 2	M M M	2. 00 2. 25 2. 50	44 66	46 44
Average	10	9	M :	2, 25	66		Average	10			2, 30	44	14

TABLE XII.—RATES OF WAGES FOR 52 YEARS—Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Continued.

PATTERNMAKERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages
Jan. 1888	10 10 10	1 2 2	M M M	\$2, 00 2, 25 2, 50	per	day.	Jan. 1890	10 10 10	2 1 1	M M M	\$2, 25 2, 50 2, 75	per	day.
Average	10	5	M	2. 30	16	**	A verage	10	4	M	2. 431	ıı	**
July 1888	10 10 10	1 2 2	M M M	2, 00- 2, 25 2, 50	16 16	44	July 1890	10 10 10 10 10	1 1 2 3 1	M M M M	2. 00 2. 25 2. 50 2. 75 3. 00	46 66	66 66 66 86
Average	10	5	M	2. 30	16.	"	Average		8	M	2.563		4.6
Jan. 1889	10 10 10	1 2 4	M M M	2. 00 2. 25 2. 50	66 66	4 6 4 6	Jan. 1891	10 10 10 10	1 3 1 1	M M M	2. 25 2. 50 2. 75 3. 00	16	66 66
Average	10	7	M	2.351	4.6	44	Average		6	M	2. 581		
July 1889	10 10 10	2 4 1	M M M	2. 25 2. 50 2. 75	11 11	11 11	July 1891	10 10 10	1 1 1	M M M	2. 25 2. 50 2. 75	6 E	"
Average	10	7	M	2.463	44	" .	Average	10	3	M	2.50	66	**
July 1854 July 1855 July 1855 July 1855 July 1855 July 1856 July 1861 July 1862 July 1862 July 1862 July 1863 July 1865 July 1866 July 1866 July 1866 July 1866 July 1866 July 1866 July 1866 July 1866 July 1866 July 1866 July 1866	10 10 10 10 10 10 10 10 10 10 10 10 10 1	111111111111111111111111111111111111111	M M M M M M M M M M M M M M	.33 .50 .50 .62½ .62½ .33 .33 .50 .50 .50 .62½ .75 .75 .75 .50 .50 .83½	44 44 44 44 44 44 44 44 44 44 44 44 44	day.	July 1889 Jan. 1870 July 1870 July 1871 Jun. 1872 July 1872 July 1880 Jan. 1881 July 1881 July 1882 July 1882 July 1882 July 1888 July 1888 July 1889 July 1889 July 1889 Jun 1890 Jun 1891	10 10 10 30 10 10 10 10 10 10 10 10 10 10 10 10 10	111111111111111111111111111111111111111	M M M M M M M M M M M M M M M M M	1. 00 . 83i 1. 00 . 50 . 67. . 33 . 50 1. 00 1. 00 . 33 . 48 . 48 . 65 . 73 . 81		64 64 64 64 64 64 64 64 64 64 64 64 64 6
-				PA'	TTE	RNMAK	ERS' HELP	ERS.		,			
July 1881 Jan. 1882 July 1882	10 10 10	1 1 1	M M M	1, 00 1, 00 2, 00	per	day.	July 1890	10 10	1 1	M	1.50 1.75		r day.
Jan. 1883	10 10	1	M M	1, 50 2. 00	**	11	Average Jan. 1891	10 10 10	1 1	M	1.62½ 1.50 1.75		**
Average July 1884 Jan. 1885 July 1888	10 10 10 10	1 1 1	M M M	1.75 1.55 1.55 1.90	44 44 44	41	Average July 1891	10	2	M	1.62½	41	46
Jan. 1889 July 1889 Jan. 1890	10 10 10	1 1 1	M M M	1. 90 1. 50 1. 50	44	66 66 61	Average	10	2	M	1.75 1.621		**

METALS AND METALLIC GOODS: ESTABLISHMENT No. 67, NEW YORK—Concluded.

SHIPPING CLERKS.

Payroll Hours per day.	Different employés. Se	Rate	of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1883 10 Jul. 1884 10 Jul. 1884 10 Jul. 1885 10 July 1885 10 July 1886 10 July 1886 10 July 1887 10 July 1887 10 July 1887 10	1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M	1,50 1,50 1,50 1,50 1,50 1,70	per day.	Jan. 1888 July 1888 Jan. 1889 July 1889 Jan. 1890 July 1890 July 1891	10 10 10 10	1 1 1 1 1 1 1	M M M M M M M	\$1.70 1.90 1.90 1.90 1.66½ 1.66½ 2.00 2.16½	64 64 66 66	dáy.

WATCHMEN.

July 1846 Jan. 1847	12 12	1 1	M	. 68	per	day,	Jan. 1878 July 1878	12 12	1	M	1. 43	per	day.
July 1850	12	1	M	. 68	6.6	4.4	Jan. 1879	12	1	M	1.43	65	"
Jan. 1851	12	1	M	. 75	44	44	July 1879	12	1	M	1.43	44	44
July 1851 Jan. 1852	12 12	1	M	75	66	44	Jan. 1880	12	1	M	1.43	66	11
July 1852	12	1 1	M	.75	44	4.	July 1880	12	1	M	1.43	8.5	4.4
Jan. 1853	12	i	M	.75	64	44	Jan. 1881 July 1881	12	1 1	M	1.43	66	"
July 1853	12	\ i	M	75	4.6	4.6	Jan. 1882	12	1 1	M	1.43	44	44
Jan. 1854	12	1	M	. 75	4.6	44	0 1121 2002	12	_	111	1.40		
July 1854	12	1	M	.87		66	July 1882		1	M	1, 25	6.6	44
Jan. 1855 July 1855	12 12	1 1	M	. 87	•	66	li	12	1	M	1.43	66	44
Jan. 1856	12	1 1	M	. 87	44	44	A Tramp or	12		3.5	1 04	6.6	
July 1856	12	Î	M	.87	Ę 16	64	Average	12	2	M	1.34	"-	- 44
Jan. 1857	12	1	M	. 87	į 44	6.6	Jan. 1883	12	1	м	1. 25	64	44
July 1857	12	1	M	. 87	* **	66					ļ-		
Jan. 1858 July 1858	12 12	1	M	.87		44	July 1883	12	1	M	1. 25	44	44
Jan. 1859	12	1 1	M	. 81	66	44	11	12	1	M	1.43	4.6	64
July 1859	12	- 1	M	.81	4.6	4.6	Average	12	2	М	1, 34		44
Jan. 1860	12	ī	M	. 81		4.6	Liverage			-11	1, 04		••
July 1860	12	. 1	M	18.	44	44	Jan. 1884	12	1	M	1. 25	44	45
Jan. 1861	12	1	M	. 831	1 44	66	11 4	12	1	M	1.43	1.6	44
July 1862 Jan. 1863	$\frac{12}{12}$	1 1	M	. 93	- 14	61	A 1						
July 1863	12	i	M	, 93	4 4	44	Average	12	2	М	1.34	4.6	44
Jan. 1864	$1\overline{2}$	î	M	. 93	4.4	44	July 1884	12	1	\mathbf{M}	1, 25	11	64
July 1864	12	1	M	1, 07	14	44	5 4.7 2002	12	î	M	1.43	6.4	4.4
Jan. 1865	12	1	M	1.00	44	46		·					
July 1865 Jan. 1866	12 12	1	M	1.00	4.6	**	Average	12	2	M	1.34	1.1	**
July 1866	12	1	M	1.07	44	44	Jan. 1885	12	1	м	1.43	6.1	44
Jan. 1867	12	î	M	1.07	6.6	44	Vall. 1005	12	i	î	1. 50	66	4.6
July 1867	12	1	M	1.07	4.4	4.4		·					
Jan. 1868	$\frac{12}{12}$	1	M	1.07	66	44	Average	12	2	M	1.46	44	44
July 1868 Jan. 1869	12	1 1	M	1.07 1.07	46	66	T 1 1005			30	1 10	. 16	
July 1869	12	1	M	1.07	4.6	66	July 1885	12 12	1	M	1.43 1.50	- 16	41
Jan. 1870	12	1	M	1.07	44	44	[14	1		1.00		
July 1870	12	1	M	1.07	44	44	Average	12	2	M	1, 461	44	44
Jan. 1871 July 1871	12 12	1	M	1.43	44	44		ĺ	1		_		
Jan. 1872	12	1 1	M	1, 43 1, 43	44		Jan. 1886	12	1	M	1.50	44	44
July 1872	12	1	M	1.43	44	44	July 1886 Jan. 1887	12°	1 1	M	1.50 1.43	66	
Jan. 1873	12	1	M	1. 43	6.6	44	July 1887	12	i	M	1. 43	66	44
July 1873	12 12	1	M	1.43	44	44	Jan. 1888	12	î	M	1.43	**	"
Jan. 1874 July 1874	12	1 1	M	1.43	64	11 /	July 1888	12	1	М	1.43	64	44
Jan. 1875	12	i	M M	1, 43 1, 43	"	**	Jan. 1889	12	1	M	1. 43	44	64
July 1875	12	1	M	1, 43	4.6	0	July 1889 Jan. 1890	12 12	1 1	M	1. 43	44	61
Jan. 1876 July 1876	12 12	1 /	M	1, 43	64	44	July 1890	12	1	M	1, 43	44	14
Jan. 1877	12	1 1	M	1.43	44	44	Jan. 1891	12	î	M	1.43	44	44
July 1877	12	1	M	1, 43 1, 43	44	64	July 1891	12	1	M	1.43	44	44
		-		1, 20						- 1			
							1			l			

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK.

BLACKSMITHS.

Payroll of—	Hours	Different employés.	Sex.	Rate	of v	vages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1844	10 10	1 1	M M	\$1. 12½ 1. 25	11	**	Jan. 1852	10 10	1 1	M M	\$1.25 1.37½	11	
A	10	3	M	1.871	44	44	A wave go	10	<u>1</u>	M M	1. 62½	"	44
Average July 1844	10	2	M	1. 25		44	Average	10	2	м	1. 25	66	44
_	10	3	M	1.87	44	44	July 1852	10 10	1 1	M M	1, 50 1, 621	11	41
Average Jan. 1845	10	1	M M	1.46	44	41	Average	10	4	М.	1. 401	64	44
	10 10	1	M	1.25 1.87 <u>1</u>	64	11	Jan. 1854	10 10	3	M M	1. 25 1. 87±	44	**
Average	10	3	М	1.371	44	44		10	i	M	2.50	46	**
July 1845	10 10 10	1 2 1	M M M	1.00 1.25 1.87½	66	64 64	Average	10.	5	M	1.62	"	"
Average		4	M	1.341	61	**	July 1854	10 10 10	1 2 1	M M M	1, 25 1, 50 2, 00	44	11
Jan. 1846	10	1	M	1. 25	44	64		10	<u> </u>	M	2.50	4.6	6.6
Avorage	10	2	M	1.87	41		Average	10	5	M	1. 75	4.6	44
Average July 1846	10	1	М	1.50	66	"	Jan. 1855	10 10	1 2	M M	1, 50 1, 624	16	44
Average	10	2	M	1. 871	46	"	Average	10	3	M	1,581	4.6	44
Jan. 1847	10 10	1 1	M M	1.50 1.87	41	"	July 1855	10 10	1 1	M M M	1.50 1.62½ 1.75	44	
Average		2	М	1.681	44	44	Average	10	1 3	<u>M</u>	1. 624	6.6	"
July 1847	10 10	1 1	M M	1.50 1.87½	56	44 46	Jan. 1856	10	1	М	1.50	44	44 či
Average	10	2	M	1. 681	46	46		10 10 10	1 1	M M M	1, 62½ 1, 75 2, 00	44	44
Jan. 1848	10 10	1 1	M M	1.50 1.87½		"	Average		4	м	1. 72	16	**
Average	10	2	М	1. 681		14	July 1856	10	1	М	1.50	66	44
July 1848	10 10 10	1 1 1	M M M	1.50 1.75 1.87	66 66	66 66 66		10 10 10.	1 1	M M	1. 62½ 1. 75 2. 00	46	"
Average	_	3	M	1. 71	64	**	Average	10	4	М.	1.72	"	4.6
Jan. 1849	10 10	1 1	M M	1.75 1.87½	**	44	Jan. 1857	10 10 10	1 2 1	M M M	1. 25 1. 50 1. 62½	64 44	4.6 4.4 6.6
Average	10	2	М	1.811	1.1	44	Average	1	4	M	1.47	**	44
July 1849 Jan. 1850 July 1850	10 10 10	1 1 1	M M M	$1.87\frac{1}{2}$ $1.87\frac{1}{2}$ $1.87\frac{1}{2}$	44	4 6 4 6	July 1857	10	1 2	M M	1.50 1.75	"	16
Jan. 1851	10 10	1	M	1.00 1.37½	44	"	Average	10	3	М	1.661	* *	e t
	10	1 1	M M	1. 75 1. 87½	61	6 6 6 6	July 1859 Jan. 1860 July 1860	10 10 10	1 1 1	M M M	1. 25 1. 25 1. 37}	11	6 6 6 6
Average	10	4	M	1.50	"	4.6	July 1860 Jan. 1862	10	1	M	1. 25	14	6.6
July 1851	10 10 10	1 1 1	M M M	1.25 1.37 1 1.87 <u>1</u>	66 66	66 66	Jan. 1863	10 10 10	1 1 1	M M M	1. 00 1. 37½ 1. 50	66	66
Average	10	3	м	1.50	44	**	Average	10	3	M	1. 29	66	66

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued:

BLACKSMITHS-Continued.

Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of	wages
July 1863	10 10	3	M M	\$1, 25 1 62½	per	day.	Jan. 1869	10	1	M M	\$1.50	per	day.
	10	1	M	1 023				10	ĺí	M	1.60	"	4.4
Average	10	5	- <u>M</u>	1, 42%		1.9.		10	1 1	M	1.75 [*] 2.25	44	66
_								10	i	M	2,50	66	44
Jan. 1864	10 10 10	3 1 1	M M M	1. 25 1. 75 2. 00	44	46	Average		6	M	1.87	44	64
Average	10	5		1.50	66	11	July 1869	10 10	2	M	1.60 1.621	44	44
July 1864	10	1	М	1 971		4.6		10 10	1 1	M M	1.75° 2.25	46	**
о шу 1004	10	1	M	$\begin{bmatrix} 1, 37 \\ 1, 50 \end{bmatrix}$	6.6	46		10	i	M	2.50	46	41
	10 10 10	1 1 1	M M M	1.62½ 2.00 2.25	66	6 6 6 5	Average	10	6	M	1.881	**	**
A warn an	10	5		1. 75	14	4.6	Jan. 1870	10	1	M	1.50	44	"
Average			IXI	1			1	10	2 1 1	M	1.60 1.621	"	-
Jan. 1865	10 10	1	М	1.50 1.75	66	66		10	1	M	1.75 2.00	66	44
	10	1	Л	2.00	4.6	6.6]	10	1	\mathbf{M}	2. 25	66	44
	10	2	М	2.50	4.6	6.6		10	1	_M	2.50	1.6	**
Average	10	5	M	2.05	44	44	Average	10	8	M	1.851	66	
July 1865	10	1	M	1.50	44	44	July 1870	10	3	M	1.60	44	"
	10	1	M	1. 75 2. 00	66	44	\	10 10	1 2	M M	1.75 2.25	66	"
	10	2	M	2.50	6.6	4.6		10	1	M.	2.50	**	**
Avęrage	10	5	М	2.05	64	44	Average	. 10	. 7	M	1.931	44	**
Jan. 1866	10	1	M	1.50	6.6		Jan. 1871	10	3	M	1.60	44	66
	10 10	1	M M	1.75 1.87 ₃	11	66	il	10 10	1 1	$_{ m M}$	1.75 2.25	64	66
	10 10	2 1	M	2. 00° 2. 50°	66	44		10	1	M	2.35 2.50	44	44
Average	10	6	M	1. 934		64	Average		7		1, 95	66	44
July 1866	10	1	М	1.62½	44		July 1871	10	3	М	1. 62½	44	**
6 tily 1000	10	1	\mathbf{M}	1.75	"	1.6	3 413 1871	10	1	M	1.75	**	44
	10 10	$\frac{2}{1}$	M M	2.00	44	44		10	2	м	2.50	11	**
Average	10	# 5		1.97	6.6		Average	10	6	М	1. 931	64	44
_							Jan. 1872	10	2	M	1,621	4.5	44
Jan. 1867	10 10	1 1	\mathbf{M}	$\frac{1.62\frac{1}{2}}{2.00}$	44	66		10 10	1 1	M	1.75 2.00	44	44
	10	1	\mathbf{M}	2.25	44	6.6	4	10	1	\mathbf{M}	2, 50	44	16
	10	1	M 	2.50	4.6	66	1	10	1	M	2, 60	11	
A.verage	10	4	\mathbf{M}	2.091	4.6	6.6	Average	10	. 6	М	2.011	44	"
July 1867	10 10	1 1	M	1.50	66	66	July 1872	. 10 10	2	M M	1.62½ 2.00	44	44
	10	1	\mathbf{M}	$1.62\frac{1}{2}$ 2.00	6.6	44		10	1	M	2.10	6.6	44
	10 10	1 1	$_{\mathbf{M}}^{\mathbf{M}}$	2. 25 2. 50	44	66		10 10	1	M M	2 50 2.60	**	44
Average	10	5	M	1. 97	"	44	Average	10	6	м	2.071	44	t t
Jan. 1868	10	1	M	1.50	6.6	"	Jan. 1873	10	1	M	1.70	**	44
	10 10	1 1 1	M	1.62	11	66		10	1	\mathbf{M}	1.75	46	66
A 210-11				2. 50	11	14		10 10	$\begin{bmatrix} 1 \\ 2 \\ 1 \end{bmatrix}$	M	2, 00 2, 50	**	44
Average	10	8	М	1.87 <u>1</u>				10	1	М	2,60		
July 1868	10 10	1	M	1.50 1.62½	46	66	A.verage	. 10	6	M	$2.17\frac{1}{2}$	**	4.6
	10	î	M	2. 50	44	14	July 1873	10	1	M	1.70	44	44
Average	10	3	M	1.87	4.4	н		, 10 10	1 1	M	1.75 2.00	4 E	**

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

BLACKSMITHS-Continued.

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Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wa	ges.	Payroll of—	Bours per day.	Different employés.	Sex.	Rate	of w	ages.
July 1873 - cone'd.	10 10	1 2	M	2. 60	per d		July 1880	10 10 10	1 1 1	M M M	\$1.60 1.75 2.25	per (lay.
- Average	10	6	M	2, 19	44	"	Average	10	3	M	1.861	"	49 ,
Jan. 1874	10 10 10	1 1 1	M M M	1.65 1.80 2.50	66 64	. 61 44	Jan. 1881	10 10 10	1 ! 1	M M M	1. 60 1. 75 2. 25	16	66 68
Average	10	3	M	1.981		**	Average	<u> </u>	3	M	1.861	**	44
July 1874	10 10 10 10	1 1 1	M M M	1.60 1.80 2.40 2.50	66 66	64 64 61	July 1881	10 10 10	1 1 1	M M M	1.75 1:80 2.50	66	6 6 6 6 6 6
Average		4	M	2.071			Average		3	M	2.011	**	44
Jan. 1875	10 10	1 1	M M	1.80 2.50	14	44	Jan. 1882	10 10 10 10	1 1 1	M M M M	1.50 1.75 1.80 2.20	66 66 66	44 44
Average	10	2	М	2, 15	LL			10	1	M	2, 50	**	" ′
July 1875	10 10 10	1 1	M M M	1.60 1.80 2.50	66	6 6 6 6	Average July 1882	10	5	M	1.95	44	11
Average	10	3		1.96	66	6.6		10	1 1 1	M M M	1.75 1.80 2.20	66	**
Jan. 1876	10	1	M	1.80	4.6	**		10 10 10	1 1	M	2. 30 2. 50	64	46
July 1876	10	2	M	1.50	66 66	61 61	Averag			M	2. 01		"
	10 10	1	M	2.00 2.30		44	Jan. 1883	10 10	1	M M	1.80 2.20	44	44
Average	e 10	5	M	1.82	61	44	1	10		M	2.50		
Jan. 1877	10 10	1	_ M	1.55 1.80 2.00	5 6 5 6	4 6 4 6	Averag July 1883		1	M	2. 16½ 1. 50		"
	10	1	_ M	2.30	- "	14		10	1	M M M	1.80 2.30 2.50	- 66	44
Average			.	1.91	i "	44		10		_		_	44
July 1877	10)]]	M	1.80	66	14	Jan. 1884	. l		1			44
	10			2. 00 2. 20	1.6	44	Jan. 100	10) 1	M	1.60 2.25	66	44
Averag	e 10	,	M	1.88	_	44		10	1	-			44
Jan. 1878	10				44		Averag		1			2	16
Marie Marie	10		l M l M		66	46	July 188	4 10 10) 1		2, 25	64	44
Averag	e 16	5	1 M	1.86	1 11	- "	Averag	Ę		_		-	44
July 1878	8 10		i M	1.55 1.80	""	"	Jan. 188	1	0 1	I M			44
Averag	ge 1	0	2 M	1.67	1 14	4.5	Avera			2 M		_	**
Jan. 1879	9 1	0	2 M			44	July 188	5 1	0	1 M			44
July 1879	9 1		2 M 1 Y		66	44		1	0	1 N	1 2.20	, - "	44
Averag	ge 1	0	3 M		_	**	Avera	"	1	3 N		ু বু	
Jan. 1880	0 1		1 M			11	Jan. 188			1 M		-	44
Averag	ge 1	0	2 N	1, 62	· ·	**	Avera	gel 1	0	2 1	1 1.80	0 '	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

BLACKSMITHS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hour- per day.	Different employés.	Sex.	Rate of	f wages.
July 1886	10 . 10	2 1	M M	\$1.75 2.10	per	day.	Jan. 1890	10 10	1	M M	\$2. 15 per 2. 35	r day.
Average	10	3	M	1.861	4.6	44	Average	10	2	\mathbf{M}	2. 25	44
Jan. 1887	10 10	2 1	M M	1.75 2.10	44	44	July 1890	10 10	1 1	M M	2. 15 · · · · · · · · · · · · · · · · · ·	46
Average	10	3	M	1.861		64	Average	10	2	·M	2. 25% 19	46
J uly 1887	10 10	1 1	M	1.75 2.10	44	**	Jan. 1891	10 10	1	M M	2. 15 · · · 2. 35 · · ·	
Average	10	2	M	1.924	4.6	"	Average	10	2	M	2. 25 🐧 "	44
July 1888 Jan. 1889	10 10	1 1	M M	2. 35 2. 35	6 E	41	July 1891	10 10	-1	M M -	2. 25 2. 35	66 66
July 1889	. 10	ï	М	2.35	4.6	66	Average	10	2	м	2.30 - 0	"

BLACKSMITHS' HELPERS.

Jan. 1844 July 1814 Jan. 1845 July 1845	10 10 10 10	1 1 1 1	M M M	. 87 1 . 87 1 . 87 1 . 87 1	er "	day.	Jan. 1855	10 10 10	1 2 2	M M M	.75 .87½ 1.00	per	day.
Jan. 1846 July 1846	10	1	M	. 87½ . 87½	14	66	Average	10	5	М	.90	46	66
July 1849 Jan. 1850	10	1	M M	.75 .87½	14	4.6	July 1855	10 10	4 3	M M	1. 00 ¹	46	44
July 1850	10 10	1 1	M	. 87½ 1. 00	"	64	Average	10	7	M	. 93	"	"
Average	10	2	м	. 93½		44	Jan. 1856	10 10	6 2	M M	. 87½ 1. 00	4.6	ii 11
Jan. 1851	10 10	2 2	M M	.75 .871	44	11	Average	10	8	М	. 90½	4.4	46
	10	ī	M	1.002	**		July 1856	10 10	4 2	M M	. 87½ 1. 00	14	66
Average	10	5	М	. 85	14	4.6		10	ĩ	M	1. 121	44	44
July 1851	10 10	3 2 1	\mathbf{M} \mathbf{M}	. 75 . 87 1	"	44	Average	10	7	M	. 941	4.6	44
	10 10	1	M	1. 00 1. 25	44	64	Jan. 1857	10 10	$\frac{1}{2}$	M M	. 75 1. 00	"	66
Average	10	7	M	. 89½	44	4.6	Average	10	3	M	. 91½	16	"
Jan. 1852	10 10 10 10	2 6 1 1	M M M M	$.75$ $.87\frac{1}{2}$ 1.00 1.25	6 6 6 6 6 6	66 64 64	July 1857	10 10 10	1 1 1	M M M	$.87\frac{1}{2}$ 1.00 1.25	66 66	66 66
Average	10	10	M	. 90	44	**	Average	10	3	M	1.04	4.	44
July 1852	10 10 10	5 3 1	M M M	$.87\frac{1}{2}$ 1.00 1.25	61 11	66 66	Jan. 1859 July 1859 Jan. 1860	10 10 10	$\begin{array}{c} 1 \\ 1 \\ 2 \end{array}$	M M M	. 75 . 75 . 871	66 66	44
Average	10	9	М	. 96	44	**	July 1860 Jan. 1861	10	1	M	. 87½ 1. 00	11	44
Jan. 1854	10 10	2 1	M M	1.00	64	64 66	July 1861 Jan. 1862 July 1862	10 10 10	1 1 1	M M M	1.00 1.00 1.12±	16	16
Average	10	3	М.	. 911	и	44	Jan. 1873 July 1873	10	1	M M	$1.62\frac{1}{2}$ $1.62\frac{1}{2}$		64 64
July 1854	, 10 10	2 I	M M	1.00^{12}	44	44	Jan. 1874 July 1874 Jan. 1875	10 10 10	1	M M M	1.50 1.50 1.50	44	**
Average	10	3	М	• . 911	66	44	July 1875 Jan. 1876	10 10	1	M M	1.50 1.50	**	14

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

BLACKSMITHS' HELPERS -Concluded.

								THE BUT -C	1	····				
Ť	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
J	uly 1876	10	1 1	M	\$1. 20 1. 50		day.	Jan. 1886 July 1886 Jan. 1887	10 10 10	1 1 1	M M M	\$1.30 1.40 1.40	per	day.
J	Average an. 1877	10 10 10	2 2 1	M M M	1. 35	11	44	July 1887	10 10	I 1	M M	1.35 1.50	66	: 4 46
	A erage	10	3	M	1. 50	44	"	Average	10	2	M	1.421	64	**
_ J	uly 1877	10 10	2 1	M M	1. 25 1. 50	44	66	Jan. 1888	10 10 10	1 3 1	M M M	1.35 1.40 1.50	6 6 C 1	44
•	Avecage.	10	, 3	м	1.331	14	44	Average	10	5	M	1. 41	14	
J	an. 1878	10 10	2 1	M M	1. 25 1. 50	14	44	July 1888	10 ⁻ 10	1 2	M M	1. 25 1. 40	44	"
. /	Average	10	3	М,	1. 331	.,	**		10 10	2 1	M	1.50 1.60	66	44
J	uly 1878 an. 1879	10 10	1 1	M M	1.50 1.50	66	11	Average	٠.	6	M	1.44	ıı	4.4
J	uly 1879	10 10	. 1	M M	1.30 1.50	44	11	Jan. 1889	10 10 10	1 1 2	M M M	1. 25 1. 40 1. 50	66	44
	Average	10	2	М	1.40		6.6	A Tromp me	10	2	_M	1.60		41
J	an. 1880	10 10 10	1 1 1	M M M	1. 20 1. 30 1. 50	6 6 4 6	6 E	Average July 1889	10 10 10	6 1 1 1	M M M	1. 47½ 1. 25 1. 40	11	11
-	Average	10	3		1. 331	"	44	1	10	2 2	MM	1. 50 1. 60	44	6.6
J	uly 1880	10 10 10	3	M M M	1.30 1.40	44	44 44	Average	10	7	м м	1. 70	66	44
	Average	10	5	M	1.60	64		Jan. 1890	10 10	1	M M	1.00 1.25	11	14
	an. 1881	10 10	1	M M	1. 40 1. 60	5 4 4 4	44		10 10 10	1 3 1	M M M	1. 40 1. 50 1. 70	66 64	6 6 6 6
	Average	10	2	M	1.50	4.4	46	Average	10	7	M	1. 401	"	44
J	uly 1881 an. 1882 uly 1882	10 10 10	1 1 2	M M M	1, 50 1, 50 1, 50	"	44 44	July 1890	10 10 10	1 2 3	M M M	1. 00 1. 40 1. 50	46	66 66
J_i	an. 1883	10 10	$\frac{1}{2}$	M M	1.40 1.50	**	"		10	1 1	M	1. 60 1. 70	44	44
	Average	10	3	M	1. 461/2	4.6	**	Average	10	8	M	1. 45	46	
J	aly 1883	-10 10	1 1	M M	1.40 1.50	14	44 .	Jan. 1891	10 10 10	1 1 1	M M M	1, 00 1, 30 1, 40	46	14
1,2	Average	10	2	M	1.45	í,	44		10 10 10	1 1 1	M M M	1, 50 1, 60 1, 80	46	11 44
Jı	in. 1884 ily 1884 in. 1885	10 10 10	3 2 1	M M M	1.50 1.50 1.35	44 44	6.6 6.6	Average July 1891	10	6	M M	1. 43½ 1. 00	"	44
Ju	ıly 1885	10 10	1 1	M M	1, 30 1. 35	46	14	3 447 1001	10 10 10	1 1 1	M	1. 40 1. 50 1. 80	6 E	66
. 4	verage	10	2	М	1.321	44	"	Average	10	4	M	1. 421	66	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

BOILERMAKERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1844	10 10	1 2	M M	\$1, 00 1, 25	per	day.	Jan. 1850	10 10	.2	M	\$1.25 1.37½	per	day.
A verage	10	3	М	1. 16 <u>1</u>		6.6	Average	10	-3	M	1. 29	41	**
July 1844	10 10 10	1 1 1	<u>М</u> М М	1.00 1.25 1.371	11	6 6 6 6	July 1850	10 10	3 2	M M	1. 25 1. 37½	46	44
Average	10	3	м	1. 21	4 6	4.6	Average	10	5	M	1.30		er 🐗
Jan. 1845	10 10	2 1	M M	1.00 1.37½	61	44	Jan. 1851	. 10 . 10 10	1 6 1	M M M	1. 12½ 1. 25 1. 37½	6.6 6.6	10 10
Average	10	3	м	1. 121	•	4.5		10	1	<u>M</u>	1. 50	44	11
July 1845	10 10	2 1	M M	1.00 1.37½	46	46	Average July 1851	10	9	M M	1. 28 1. 121	66	"
Average	10	3	M	1. 121/2	**	4.6		10	3 4	M M	1.25 1.371	**	44
Jan . 1846	10 10	3 1	M M	1.00 1.37±	44	44		10 10	1	M	1.50 1.75	44	66
Average	10	4	M	1.091	4.6	16	Average	10	10	M	1.361	11	
July 1846	10 10 10 10	1 1 1	M M M M	1.00 1.12½ 1.25 1.50	66 66 66	1 6 24 46 7 66	Jan. 1852	10 10 10 10 10	1 4 2 4	M M M M	1. 12½ 1. 25 1. 37½ 1. 50 1. 62½	66 66 66	66 65 66 66
Average	10	4	M	1. 22	11	4.6		10	1	M	1.75	"	**
Jan. 1847	10	2	м	1.00		16	Average	10	13	M	1.401		**
	10 10 10	2 2 1	M M M	1. 12½ 1. 25 1. 50	6 6 6 6	6 6 6 6	July 1852	10 10 10	2 4 2	M M M	1. 12½ 1. 25 1. 37½	"	61 16 16
Avera ge	10	7	M	1.18	6.6	6.6		10 10	6	M	1.50 1.62½	64 64	14
July 1847	10 10 10	1 1 5	M M M	1.00 1.12½ 1.25	66 66	66 66	Average	10	16	M	1.75	66	"
Average	10	8	M	1.50	.,		Jan. 1854	10 10	1 1	M	1. $12\frac{7}{2}$ 1. 25	6 6 6 6	66 66
			М	1. 231		••		10 10	7	M M	1. 37½ 1. 50	16	11
Jan. 1848	10 10	2 2 3	M M	1.00 1.12½	**	16	A	10	5	M	1. 621	44	"
	10 10	1	M	1.25 1.37	66	66	Average	10	16	M	1.481	14	
Avera ge	10	9	м м	1. 50	11	14	July 1854	10 10 10	1 2 4	M M M	1. 12½ 1. 25 1. 37½	11	44
July 1848	10	2	M.	1.00		14		10	7	M	1. 50 1. 62½	11	44
	10 10	1 3	M	1. 12½ 1. 25	**	66	1	10 10	2	M M	1.75 1.87	**	11 -
	10 10	2	M	1.371	44	44	Average	10	19	M	1.52	14	44
Average	10	, 9		1.50	14	41	Jan. 1855	10 10	3 2	M M	1. 25 1. 50	61	66 66 44
Jan. 1849	10	3	м	1. 25	6.6	**		10 10	3 4	M	1. 621 1. 75	"	**
	10 10	1 1	M	1. 37½ 1. 50	4.6	44	Average	10	12	м	1, 55	66	44
Average	10	5	M	1.32½	66	44	July 1855	10 10	1 5	M M	1. 12½ 1. 25	16	14 46
July 1849	10 10	2	M M	$\frac{1.25}{1.37\frac{1}{2}}$		11		10 10 10	4 2 6	M M M	1. 50 1. 62½ 1. 75	66 66	46 46
Average	10	3	м	1.29	+4	46	Average	10	18		1.50	44	"

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

Payroll of-	Hours per day.	Different employés.	Sex.	Rate of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate o	f wages.
Jan. 1856	10 10 10 10 10 10	5 3 3 2 5 2	M M M M M	\$1.25 per (1.37½ "1.50 "1.75 "1.75 "1.87½ "	day.	July 1863	10 10 10 10 10 10 10	1 3 2 4 1 1 2	M M M M M M	1. 75 1. 87½ 2. 00	er day.
Average	10		M	1.00	44	A.verage	10	14	M	1.66	** 44
July 1856	10 10 10 10 10 10	4 4 2 4 4 4	M M M M	1.37½ " 1.50 " 1.62½ " 1.75 " 1.87½ "	66 61 61 61	Jan. 1864	10 10 10 19 10 10	3 1 1 1 3 3	M M M M M M	1. 50 1. 624	44 65 44 24 64 44 65 65 46 46 45 45
Average		22	M	1.01	44		10	3	M	1. 25	66 66
Jan. 1857	10 10 10 10 10	1 1 1	M M M M	1. 37½ " 1. 50 " 1. 62½ " 1. 75 "	66 16 85	Average July 1864	10 10	17 3 3	M M M	1. 84 1. 25 1. 37½	
Average	10	14	M	1.871 "	44		10 10 10 10	5 2 1 1 2	M M M M	$ \begin{array}{r} 1.50 \\ 1.62\frac{1}{2} \\ 1.87\frac{1}{2} \\ 2.00 \\ 2.25 \end{array} $	14 64 15 16 16 16 16 16
July 1857	10 10 10 10	1	M M M M	1. 25 " 1. 50 " 1. 75 " 1. 87½ "	61 66 66	Average	10	30	M M M	2.37½ 2.50 1.96½	** **
Average	e ·10	7	M	1.711 "	**	Jan. 1865	10	1	M	1.371	
July 1858 July 1859	10	2	M	1. 371 " 1. 25 ".	11		10 10 10 10	8 3 2	M M M	$ \begin{array}{c c} 1.50 \\ 1.62\frac{1}{2} \\ 1.87\frac{1}{2} \\ 2.12\frac{1}{2} \end{array} $	66 66 66 66
Jan. 1860	10	2	M	1. 121	15		10 10 10	3 3 5	M M M	2. 50 2. 62½ 2. 75	46 66 66 66
July 1860		1		1. 124 "	41	Average	10	27	М	2.09	
	10	-!	_	1. 20	(4	July 1865	10 10		M	1.50 1.62½	66 66
July 1861	. 10	2	M	1.50 " 1.62½ "	"		10 10 10 10	3 3 5	M M M	1.75 2.25 2.37½ 2.50	66 66 66 66 66 66
, ,	10		M	1.70			10		М	2.621	41 44
Averag				1. 60		Averag	e 10	21	M	2. 101	41 11
Jan. 1862	10		M M B M M	1. 37½ " 1. 50 " 1. 62½ " 1. 75 "	44 46 66 46	Jan. 1866	10 10 10 10 10	3	M M M	$ \begin{array}{c c} 1.50 \\ 1.62\frac{1}{2} \\ 1.75 \\ 2.25 \\ 2.37\frac{1}{2} \\ 2.50 \end{array} $	** ** ** ** ** ** ** ** ** ** ** ** **
Averag	e 10) '	7 M	1.531 "			10		М	2.621	44 44
July 1862	10 10 10	0	1 M 1 M 3 M 1 M	1.50 " 1.62½ "	66 66	Averag July 1866			M	1. 25	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
Averag	ļ.—		6 M				10		2 M		
				-	4 8	Averag	ge 16		5 M	ļ	
Jan. 186	3 19 19 19 19	0	1 M 1 M 2 M 1 M	1. 25 " 1. 50 "	46	Jan. 186	7 16 16 10	0	1 M 1 M 2 M 6 M	1. 50 1. 62½ 1. 75	66 66
Averag	e 1	0	5 M	1.40	•	JI.	1	9 1	2 <u>M</u>	2.37	'' ''

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of	wag	es
Jan. 1867-	10	3	м	\$2.50	per	dav.	July 1870	10	2	M	\$1.50	ner	day	_
conc'd.	10	2	M	2.62		**	0 day 2010	10	2	2.0	1. 60	ber	uay	•
	10	1	M	3.00	6.6	4.6	ll .	10	3	M	2.00	4.4	4.4	
							!	10	1	M	2. 10	6.4	6.6	
Average	10	18	M	2.063	4.4	4.5	1	10	2	M	2. 20 2. 30		4.6	,
			2.5			66		10		М	2.30	4.6	"	
July 1867	10	3	M	1.621	- 66	14		10	4	M	2.40	44		
	10	1	M	1.75 2.00		4.6	1	$\frac{10}{10}$	3	M	2.50	44	44	
	10 10	1	M	2. 25	1.6	4.4		10	1	М	3.00	**	••	
1	10	3	M	2.50	44	4.4	Average	10	19	м	2.16	64		
i	10	1 3 1 1	M	$2.62\frac{1}{2}$	6.6	4.4	27,011,00	-	1 10		2. 103			
	10		M	2.75	6.4	4.6	Jan. 1871	10	1 1	М	1.40		4.4	
	10	1	M	2.87	6.6	8.6		10	2	M	1, 50	4.6	66	
i	10	2	M	3.00	14			10	1	М	1,60	6.6	4.6	
. Ì	6.0		7.5			44	li i	10	1	M	-1.90		6.6	
Average	10	17	M	2. 23		**	`	10	3	М	2.00	2.2	41	
T` 2000	40		3.6	1.50	44	66		10	1	M	2. 10	44	44	
Jan. 1868	10 10	1 1	M M	1.50 1.60	66	44		10	1	M	2. 20	44	46	
	10	1	M	1.75	66	44		10	7	M	2. 30 2. 40	66	66	
	10	1	M	2.00		44		10	í	M	2. 70	11	66	
	10	ī	M	$2.12\frac{1}{2}$	4.4	14	[] [10	1	M	3.00	6.6	**	
- 1	10	$\begin{bmatrix} 1\\2\\1\end{bmatrix}$	$\overline{\mathbf{M}}$	2, 25	66	4.6	[]				3.00			
	10	1	M	2.30	44	**	Average	10	21	M	2. 154	££	44	
	10	1	M	2.40	"	44	"		1					
	10	3	M	2.50	4.6	44	July 1871	10	4	M	1.50	4.6	44	
	10	1	M	2, 80	•••	**	0 41, 1011	10	3	M	1.60	44	4.6	
Average	10	16	M	2.06		41	li I	10	2	M	1.70	46	14	
Average	10	10	TATE .	2. 00				10	2 3 2 3	M	2.00	41	46	
uly 1868	10	1	M	1.40	4.6	44	į.	10	2	M	2.20	t t	4.6	
dij iooo	10		M	1.50	4.6	6.6	1	10	3	M	2.30		**	
1	10	, 1	M	1.80	14	6.6		10	5	M	2.40	46	44	
- 1	10	1	M	2. 25	6.6	1.6		10	6	\tilde{n}	2.50		44	
	10	1	M	2.30	4.6	4.6		10	2	M	2.70	45	4.6	
	10	3	M	2.50	64	44		10	1	- M	3. 20	*-		
	10	1	м	2.80	1.6	44	Average	10	31	M	2.161	44	44	
Average	10	9	M	2. 17	44	64		10	31		2.105			
1000	10					44	Jan. 1872	10	1	M	1.50	4.6	£ £	
an. 1869	10 10	2	M	1.50	44	"	1	10	3 3	M	1.60	44		
	10	1	M	1.80 2.20	44	44		10	3	M	1.70			
	10	1	M	2. 30	4.6	4.6		10 10	2	M	1.80 2.00		66	
1	10	2	M	2. 50	44	6.6	1	10	4 3 5	M -	2.30		11	
	10	2 1	M	3.00	6.6	4.4		10	5	M	2.40			
	!-							10	8	M	2. 50	4.6	**	
Average	10	8.	M	$2.16\frac{1}{2}$	11	41]	10	2	M	2.70	4.5	4.4	
-1 1000		_	3.5	_]]	10	ī	M	3.20	6.6	44	
uly 1869	10	1	M	1.40	66	4.6	1	 -						
	10	1	M	1.50	66	46	Average	10	32	M	2. 20 <u>1</u>			
	10 10	2 2	M	1.60 1.70	11	44			Ī	1	-			
	10	ī	M	1.80	11	44	July 1872	10	4	M	1.70	11	4.6	
	10	2	M	2. 20	11	LL		10	7	$\overline{\mathbf{M}}$	2.00		11	
	10	5	M	2.30	11	4.6		10	1	M	2. 10		46	
	10	4	M	2.50		4.6] 1	10	1	M	2. 20		**	
	10	1	M	3.00	11	£ 4		10	1	M	2. 30	"	66	
A	10		36		16] [10 10	6 8	M M	2, 40 2, 50		44	
Average	10	19	М	2.111				10	1	M	2.70	11	44	
an. 1870	10	1	M	1.50	64	11		10	2	M	3.00	.,		
	10 10	1	M	1.70	44	**	Average	10 /	31	M	2. 271	66	66	
	10	3	M M	1.80 1.90	66	::		10	9.1					
1	10	4	M	2.00	66	44	Ton 1979	10		3.5	1 00	66	44	
	10	i	M	2. 20	11	"	Jan. 1873	10	1	M	1.60		44	
1	10	5	M	2. 30	64	11	j f	10 10	3		1.70		14	
- 1	10	i	M	2.40	6.6	44		10	3 7	M	2.00 2.10	64	44	
	10	5	M	2, 50	11	1.6		10	i	M	2. 20	4.4		
	10	1	M	2.70	4.6	44		10	1 1	M	2.30	64	44	
	10	1	M	3.00	66	11	1	10	5	M	2.40		64	
	10	_						10		M	2, 50	66	66	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

Payroll of—	Hours per day.	Different employés.	Sex	Rate	of	vages.	Payroll of -	Hours per day.	Different employés.	Sex,	Rate	of y	vages.
Jan. 1873-		1	М	\$2.70	nor	don	July 1876	10			φ1 40		1
conc'd.	10	2	M	3.00	ber.	day.	July 1670	10	3 2 3	M M	\$1.40 1.50		day.
		24	M	2. 28	41	4.4		10	3	M	1.60	11	64
Average	. 10	29	nı	2. 28	•	••		10 10	$\begin{bmatrix} 4 \\ 2 \\ 2 \end{bmatrix}$	M M	1.70 1.80		66
July 1873	: 10	1	М	1.60	44	44		10	2	\mathbf{M}	1. 90	44	4.6
	10 10	2 1	M	1.70	11	44		10	. 3	M	2.00	11	44
1	10	i	M	1.80 1.90	6.6	44		10 10	1 1	M M	2. 10 2. 20	66	66
	10	1	M	2.00	44	44	ļ,	10	ī	M	3, 00	11	4.6
	10 10	3 3 1	M M	$\begin{array}{c c} 2.10 \\ 2.20 \end{array}$	11	11	A	-10		34	1.50:	16	
	10	1	M	2. 40	8.6	1.4	Average	10	22	\mathbf{M}	1. 792		
`	· 10	4	М	2.50	11	44	Jan. 1877	10	2	M	1.40	4.6	1.6
	10 10	2	M	2. 60 2. 80	44	41	i	10 10	2 5	M M	1.50	4.6	11
	10	i	·M	3. 20	14	4.4	il	10	3	M	1. 60 1. 70	4.4	44
			3.5	-			il	10	4	M	1.80	44	44
Average	10	~ 21	M	2. 25				10 10	3 4 3 7	M M	1.90 2.00	46	66
Jan. 1874	10	1	M	1, 50	4.4	4.6	1	10	i	\mathbf{M}	2.10	6.6	16
	10	, 1	M	1.80	14	11		10	1	M	2. 20	4.6	11
	7 10 10	5 3	M	1. 90 2. 10	14	4,6		10	1	<u>M</u>	3.00	1.0	6.6
	10	- 3	M	2, 30	4.6	16	Average	10	29	M	1.83	4.6	14
	10	1	M	2.40	44	14	1					4.6	
	10 10	3	M	2.50 3.00	- 11	31	July 1877	10 10	2 2	M M	1.40 1.60		44
		ļ	4	ļ				10	5	\mathbf{M}	1.70		44
A verage	10	18	M	2. 16	6.6	**	1	10	5	M	1.80	11	44
July 1874	- 10	1	м	1.60		46	1	10 10	2 7	M M	1.90 2.00		66
U diy 1014	. 10	5	М	1.90	4.6	44	1	10	i 1	M	2. 10	4.6	4.6
	10	4	M	2.30	66	66	ļļ	10	1	M	2. 20	16	14
	10 10	3	M	2.40 2.50	16	44	ŀ	10	1	M	2.70		
	10	1	М	2.80	4.6	6.6	Average	10	26	M	1.86	4.6	41
	10	1	М	3, 20		4.6	Tom 1070	10	2	M	1 40	44	15
Average	10	16	M	2. 25	6.6	44	Jan. 1878	10		M	1.40	4.6	4.6
- 1		i		1	4.6	44		10	$\frac{1}{3}$	M	1.60	6.6	6.6
Jan. 1875	10 10	1 3	M	1.60	"	- 44		10	4	M	1.70 1.80	44	44
	10	4	M	2.30	6.6	44		10	. 3	M	1.90	"	4.4
	10	3	M	2.40	8 8	14		10	7	M	2.00	11	66
	10 10	1	M	2.50 3.20	44	16		10	1	M M	2. 10 2. 20		4.6
				 			H	10	ī	M	2.70	rt	6.6
Average		13	M	2. 26	66	46	Average	10	25	м	1.851		41
July 1875	10 10	1	M	1.40 1.60	66	46	July 1878	10	2	М	1.40	6.6	4.6
	10	1 3	M	1.80	6.6	44	3 tily 1010	10	1	M	1.60	11	4.6
	10	3 2	M	1.90	61	44	II.	10	2 3 2 6	M	1.70	11	66
	10 10	2	M	2.20	44	61		10	. 3	M	1.80 1.90	6.6	44
	10	2 2	M	2.40	4.4	66		10	6	M	2.00	4.6	44
	10	1	M	2. 40 2. 50	84	1.6	H	10	1	M	2.10	13	44
	10	1	M	3.20				10	1	M M	$\begin{vmatrix} 2.20 \\ 2.70 \end{vmatrix}$		
Average	10	16	М	2. 10	46	"	Average	10	19	M	1.891	41	44
Jan. 1876	10	1	М	1.40	4.6	14					-	44	41
j	- 10	3	M	1.50	66	14	Jan. 1879	10 10	3	M	1.30 1.50	44	44
	10 10	2	M	1.60 1.70	6.6	16		10	2	M.	1.70	4.6	**
- · ′	10	1	M	1.90	11	44		10	4	M	1.80	4.6	46
	10	3 2	M	2. 10 2. 20	36	44		10	1 2	M	1.90 2.00	66	66
	10 10	2	M M	2. 20	6.6	44	11	10	1	M	2. 10	4.6	**
7	10	ī	M	3. 20	14	44		10	. 1	M	2.70	**	4.6
Average	10	16	M	1. 95	- 66	6.6	Average	10	17	M	1.745		44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

Payroli of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
July 1879	10	1	М	\$1.30	per	day.	Jan. 1882-	10	4	M	\$2.50	per	day.
	10 10	$\frac{2}{3}$	M	1.40	44	64	conc'd.	10 10	1 1	M	2. 60 3. 00	- 11	**
1	10	2	M	1.70	1.6	+4		. 10		_ MA.	3.00	,	••
	10	4 2	M	1.80	1.0		Average	10	37	M	2.04	44	. "
	10	2	M	1.90	46	44				3.5			
	10 10	1	M	2.00 2.50			July 1882	10 10	$\frac{2}{2}$	M	1.30	44	44
		I	141	2.00				10	$\frac{2}{2}$	M	1.40 1.50	64	44
Average	10	16	M	1.72	66	64		10	3	M	1.60	4.4	6.6
T 1000	10	1	M	1.30	44	4.6		10	1	M	1.70	66	66
Jan. 1880	10	2	M	1.40	6.6	46	li .	10 10	5	M	2, 00	14	66
	10	6	M	1.50	61	8.6		10	4 5	M	2.30	44	64
1	10	$^{2}_{4}$	M	1.60	44	66		10	1	M	2.40	4.6	44
1	10 10	1	M	1.80 1.90	14			10	5	M	2, 50	66	46
	10	7	M	2.00	6.6	66		10	1	- MI	3, 00	••	••
	10	1	М	2, 10		**	Average	10	31	М	2.034	4.5	84
	10	1	М	2.60	4.6	44			_	**			66
Average	10	25	М	1.76	16	66	Jan. 1883	10 10	3 I	M	1.30	66	11
12.veruge	10	20		1.,00			H	10	â	M	1.50	**	44
July 1880	10	2	М	1.40	4.4	11		10	3	М	1.60	66	56
	10 10	3 4	M	1.60 1.70	44	66	i	10	2	M	1.70	44	44
,	10	1	M	1.80	14	**	Į	10 10	4 3 6	M	2.00 2.20	44	44
	10	1	М	1.90	+ 6	44		10	6	M	2. 30	64	44
i	10	2	M	2.00	46	66		10	1 (M	2.40	6.6	4.6
	10 10	'4 2	M	2. 10 2. 20	**			10 10/	5 1	M M	2.50 3.00	44	44
	10	1	M	2.30	4.6	44		107	1	- 101	3.00		
	10	1	M	2.80	66	**	Average	10	32	М	2.01	46	4.6
Average	10	21	M	1.901	e t	44	July 1883	10 10	1	M M	1.40 1.50	66	11
Jan. 1881	10	4	M	1.40	44	64	il I	10	4 2	M	1.70	6.6	44
-	10	6	M	1.50	11	44		10	2 2	М. [1.80	6.6	44
	10 10	4 2	M M	1.60 1.70		44		10	2	M	2.00	44	41
	10	4	M	1.80	40	44	li l	10 10	7	M M	2. 20 2. 40	44	64
1.	10	4 3	M	1.90	6.6	44	1	10	5	M	2.50	14	64
1	10 10	4 4	M	2.00	4.6	44		10	1	M	3.00	1.6	44
1	10	1	M	2. 20 2. 50	66	44	Average	10	28	м	2.11	66	64
1	10	ī	M	2. 80	**	41	Average	10	20		2.11		
Average	10	33	м	1.80	6.6	44	Jan. 1884	10	3	M	1.40	4.6	66
			i				1 1	10	3	M	1.50 1.60	44	66
July 1881	10 10	$\begin{bmatrix} 2 \\ 4 \end{bmatrix}$	M	1.40 1.50		44		10	1	M	1.70	44	66
	10	5	M.	1.60		44		10	3 2 1 2 5	M	1.80	44	11
	10	5 5	M	1.80	6 6	6.6		10	5	M	2.00	66	44
j	10 10	3	M	1.90		66		10	1	M	2, 20 2, 25	44	46
i	10	4 3	M M	2.00 2.10	"	66		10	6	M	2.40	66	44
i	10	4	M	2. 20	4.6	4.4		10	5	M	2.50	11	44
	10	1	M	2.30	**	44		10	1	M	3.00	4.6	44
	10 10	1 3	M	2.40	66	66	Average	10	30	M	2.05	66	4.6
	10	1	M M	2.50 2.60	11	11		20	50		2. 00		
1	10	î	M	3.00	44	44	July 1884	10	2	м	1.40	66	46
A	70		35			44		10	2	M	1.50		64
Average	10	37	M	$1.95\frac{1}{2}$	44	**		10	2	M	1.60	66	16
Jan. 1882	10	2	M	1.40	4.6	44		10 10	2 1 2 3	M	1.70 1.80	**	46
	10	3	M	1.50	6.6	44	1	10	3	M	2.00	64	4.6
	10	6	M	1.60	44	44		10	1 4	M	2. 20	66	44
	10	2 5	M	1.90 2.00	14	44		10	4	M	2.40	46	46
	10	1	M	2.10	6.6	44		10 10	4	M	2.50	44	14
	10 10	5	M	2. 20	44	44		10	1 1	M	3.00	44	86
	173	5	M	2.30	**	4.5	11			- 1		,	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

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Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.
Jan. 1885	10	1	М	\$1.25	per	day.	July 1887-	10	1	М	\$1.65	per	day.
	10	1 2	M	1.35 1.50	44	64	cone'd.	10 10	1 1	M M	1.70 1.90	44	66
	10 10	1	M	1.55	64	11	-	10	5	M	2.00	4.6	64
	10	2	M	1.65	6.6	44		10	5 2	M	2. 10	64	6.6
	10	2	M	1.80	4.6	64	}	10	1	M	2. 20	6.6	14
	10	1	M	2.15	44	44		10	1	M	2.25	44	66
	10	4	M	2. 25 2. 35		15	1	10 10	1 1	M	2.30	4.6	44
	10 10	i	M	2.70	6.6	4.6		10	i	M	2.40	4.6	
A monage		16	M	1.89	56	66		10 10	3	M	2.50	44	44
Average		10		1.00			A	10	23	M	2,054	44	44
July 1885	10 10	1 2	M	1. 25 1. 35	66	**	Average			,			
	10	1	M	1.50	44	64	Jan. 1888	10 10	1 4	M	1.40	44	44
	10	1	M	1.55	46	14	ll .	10	i	M	1.65	44	44
	10	1 2 2 2	M	1, 65	44	44	H	10	1 1 1	M	1.70	4.6	6.6
	10 10	1 4	M	2.00	6.6	4.6		10	1	M	1.90	11	16
	10	i	M	2.15	6.6	44		10 10	3 5	M	2. 00 2. 10	66	4.6
	10	1	M	2. 25	16	14	lì.	10	1 1	M	2. 20	44	44
	10	1 1	M	2.50 2.60	11	66	H	10	1 4	M	2, 30	6.6	4.6
	10 10	1	M	3.00	44	46	il	10	1	M	2.35	6.6	46
	10							10 10	1 1	M	2. 40 2. 45	44	66
Average	10	19	M	1.951	64	4.6	}	10	1 2 2	M	2.50	4.6	4.6
T 1006	10	1	M	1. 25 *		64		10	1	M	3.00	6.6	4.6
Jan. 1886	10	1	M	1.35	4.4	6.6	Average	10	28	M	2.08	6.6	16
	10	2	M	1.50	44	44	T1- 1000	10	2	м	1.50		44
	10 10	1 2	M	1.55 1.65	44	44	July 1888	10	î	M	1.60	6.6	44
	10	2	M	1.80	44	4.6		10	1 2	M	1.65	66	44
	10	2	M	2.00	66	44		10	2	M	1.70	44	11
	10	1	M	2. 15 2. 25	44	14	1	10	1 1	M	1.80 1.90	66	44
	10 10	4 1	M	2. 23	8.6	64	1	10	4	M	2,00	4.8	44
	10	li	M	2.75	4.6	11		10	5	M	2.10	44	44
	10	1	M	3.00	44	4.6		10	1	M	2. 20 2. 30	44	**
4	10	19	37	1. 97	46	66	1 .	10 10	4	M	2.40	6.6	44
Average	10	19	M	1.91			1	10	2	M	2.45	44	8.6
T-1-1000		1 .	36	1.35	66	4.6		10	1	M	2.50	44	11
July 1886	10 10	1 4	M	1.50	4.6	66		10	1	M	3.00		
	10	1	M	1.65	14	44	Average	10	27	M	2.07	66	44
	10	1	M	1.70	66	44		ļ		1	-	44	14
	10 10	1 2	M	$\begin{vmatrix} 1.75 \\ 1.90 \end{vmatrix}$	64	44	Jan. 1889	10	1 3	M	1. 50 1. 60	16	66
	10	2 2	M	2.00	44	4.6	11	10 10	2	M	1.70	44	5.6
	10	1	M	2.10	46	44	li .	10	2 2 1	M	1,80	"	46
	10	1	M	2. 20 2. 25	46		1	10	1	M	1.90	66	16
	10	4 3	\mathbf{M}	2. 23	6.6		11	10	5	M	2.00 2.10	44	1.4
	10	1	M	3.00	4.6	4.6	li .	10 10	4	M	2.30	4.6	4.6
							li .	10	2 2	M	2.40	- 44	16
Average	10	22	M	2.00	••			10 10	2	M	2.45		14
Jan. 1887	10	1 1	М	1.35	16		Average		27	M	2.04	44	4.6
	10 10	1	M	1.50 1.65	16	6.6	avoinge		1				44
	10			1.70	44		July 1889	10	4	M	1.60	66	61
	10	1 1 2 2 2 2 4 3	M	1.75	44			10 10	1 2	M	1.70 1.80	. 44	6.6
	10	2	M	1.90	14		II.	10	1	M	1. 90	66	41
	10 10	9	M	2.00	44	66	11	10	4	M	2.00	68	66
	10	4	M	2. 25	14			10	. 6	M	2. 10 2. 30	66	
	10			2.50	44			10	3	M	2. 40	4.6	11
	10	1	M	3.00	••	••	II	1,0	2	M	2, 45	44	44
Average	10	22	M	2.001	**	**		10	1	M	2.50 2.75	44	14
July 1887	10	1	М	1.35	44								46
	10	3	M	1.50	14	44	I Average	10	28	M	1 2. 08	1	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

BOILERMAKERS Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of ·	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.
Jan. 1890	10 10 10 10 10 10 10 10 10 10	3 3 1 1 10 5 2 3	M M M M M M M M M	\$1. 60 1. 70 1. 80 1. 90 2. 00 2. 10 2. 30 2. 40 2. 45 2. 50 2. 75	per	day.	Jan. 1891	10 10 10 10 10 10 10 10 10 10	1 1 1 3 2 3 9 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	M M M M M M M M M	\$1.60 1.70 1.80 1.90 2.00 2.10 2.20 2.25 2.30 2.40 2.45	Peri	day.
Average		33		2.11	6.6	**		10	3	M	2.50	44	66 64
J uly 1890	10 10 10 10 10 10 10 10 10 10 10 10	2 2 2 1 1 5 6 1 1 3 2 3 1	M M M M M M M M M M M M	1. 60 1. 70 1. 80 1. 90 2. 00 2. 10 2. 20 2. 25 2. 30 2. 40 2. 45 2. 50 2. 75	14 44 45 46 46 46 46 46 46	## ## ## ## ## ## ## ## ## ## ## ## ##	Average July 1891	10 10 10 10 10 10 10 10 10 10 10	31 1 3 3 3 3 9 1 1 1 3 1 3	M M M M M M M M M	2. 18½ 1. 70 1. 90 2. 00 2. 10 2. 20 2. 25 2. 30 2. 40 2. 45 2. 50	66 66 66 68 64 66 66 66	61 64 64 64 64 64 64 64
Average	10	30	M	2. 151	6.6	**	Average	10	28	य	2. 181		

BOILERMAKERS' APPRENTICES.

Jan. 1847 July 1847 Jan. 1848 July 1848 Jan. 1849	10 10 10 10 10	1 1 1 1	М М М М	.37½ pe .41½ .41½ .50	4 16 4 16	July 1852 Average	10 10 10	4 2 3	M M M	. 42 . 50 . 58½	per "	day.
July 1849	10 10	1 1	M M	. 42 ' . 58½ '		Jan. 1854	10 10	6 5	М М	.42	45	**
Average	10	2	М	.50½ '			10 10	1 1	M M	. 581 . 661	66	64
Jan. 1850.	10 10	3 1	М	. 42 '. . 58½ '.		Average	10	13	М	. 481	"	46
· Average July 1850	10 10 10 10	4 3 1 1	M M M	. 46 42 50 50 663 46		July 1854	10 10 10 10	4 7 1 1	M M M M	. 42 . 50 . 58½ . 66½	16 16 16	66 66 68
Average	10	5	M	. 481	66	Average	10	13	M	. 491	66	44
Jan. 1851	10 10 10	4 2 1	М М	. 42 ''. . 50 ''. . 62½ '''	66	Jan. 1×55	10 10 10	1 5 2	м М	. 42 . 50 . 58½	66	44
	10	1	М	. 661 44		Average	10	. 8	М	. 51	"	**
Average	10	8	М	. 49½ "		July 1855	10 10	4 3	M	. 50 . 581	64 64	46
July 1851	10 10 10	3 1 2	M M	.50 '' .62½ '' .66½ ''	6.6	Average	10	7	М	. 531	44	"
A verage	10	6	M	. 571 ***	44	Jan. 1856	10 10	6	M M	. 42	44	66
Jan. 1852	10 10	3 4	M M	. 42 "			10 10	3 1	M	. 58½ . 66½	66	14
	10 10	2	M M	. 62½ " . 66½ "		Average	10	12	М .	. 491	68	**
Average,	10	10	M	. 511	44	July 1856	10 10	5	M	.42	66 66	46

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

BOILERMAKERS' APPRENTICES-Continued.

	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1856- conc'd.	10 10	4 2	M M	\$0, 58 <u>1</u> , 6 6 <u>1</u>	per	day.	Jan. 1877	10 10	$\frac{1}{2}$	M M	\$0, 50 . 80	per	day.
Average	10	12	M	. 523	4.5	**	Average	jo	3	M	.70	46	**
Jan. 1857	10	1 2	М	. 42	44	**	July 1877	, 10 10	, 1 2	M M	. 59	66	**
Å.	10 10 10	1 1	M M M	. 50 . 58½ . 66½	11	66	Average	10	3	M	.70	44	44
Average	10	5	М	. 53½		**	Jan. 1878	10 10 10	1 2 2	M M M	. 50 . 60 . 80	6 6 6 6	11
July 1857 Jan. 1860	·10	2	M M	. 66½ . 37½	44	**	Average		5	M	. 66	44	**
July 1860	10 10	1 1	M M	. 37½ . 50	66	44	July 1878	10 10 10	1 2 1	M M M	. 50 . 60 . 80	66	66 18
Average	10	2	М	. 431	**	44	Average		4	M	. 621	**	64
July 1861	10	1	M M	. 37½ . 62½	. 44	44	Jan. 1879	10 10 10	1 1 1	M M M	. 50 . 60 . 70	46	66 66
Average	10	. 2	М	. 50	44	"	Average		3	M	. 60	4.6	46
Jan. 1862	10 10	2 1	M M	. 37½ . 75		44	July 1879	10 10	1 2	M M	. 50	46	44
Average	10	3	M	. 50	16	41	Average	10	3	M	. 561	66	**
Jaly 1862	10 10	2	M M	, 37 <u>1</u>	"	**	Jan. 1880	10 10	1 3	M M	. 50	16	44
Average	10	3	М	. 414	"	- 44	Average		4	м	. 65	44	14
Jan. 1863	10	1	М	. 37	44	44	July 1880	10	1	М	. 60	14	**
July 1863	10 10	1	M M	. 371		14	Jan. 1881	10 10	1 2	M M	.50	66	44
Average	10	2	М	. 39	"	44	Average	10	3	M	. 633	44	4.6
Jan. 1864	10	1	M	. 42	"	6.6	July 1881	10	1	M	. 70	16	14
July 1864	10 10	2 2	M	. 42 . 50	14	46	Jan. 1882	10 10	1	M M	.50	61	**
, Average	10	4	M	. 46	"	66	Average	10	2	M	. 65	**	44
Jan. 1865	10 10		M	. 50	16 1 41	44	July 1882	10 10	1 1	M M	. 50	- 44	44
Average	10	4	M	. 56	. "	44	Average	в 10	2	М	. 65		**
July 1865	10 10			. 50	į "	44	Jan. 1883	10			.70	- "	"
Average	10	3	М	. 58	1 66	64	[Averag	e 10				6.0	
Jan. 1868	10 10				· · ·	44	July 1883	1		١	. 90	61	
Average	10	3	M	.74		44	Jan. 1884	10			, 90	41	
July 1868 Jan. 1869	, 10	1	M	. 80	16 46	44 44	Averag July 1884	l .	1	. М	.70	61	
Jan. 1870 July 1870	1	1	M	.80	"	44	Jan. 1885 July 1885 Jan. 1886	10 10	1	M	. 70 . 70 . 70		6 48 6 14
July 1876	10	1	M	. 80	- "	44	July 1886 July 1888	10	1	M	. 60 . 60		
· Average	10	. 1 2	l M	.70	**	••	II Jan. 1889	. 10			. 00		

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK-Continued.

			BOIL	LERMA	KE!	RS' API	RENTICES	—Conc	luded.				
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of-	Hours per day.	Different employés.	Sex,	Rate	of	wages
July 1889	10 10	1 1	M	\$0.60 .70	per	day.	Jan. 1891	10 10	- 2 - 2	M M	\$0.70	per	day.
Average	10	2	M	. 65		44	Average	10	4	M	.75	"	4.4
Jan. 1890	10 10	1 1	M M	. 60	"	41	July 1891	10 10	2	M M M	. 70	66	"
Average	10	2	м	. 65	66	41		10	1		. 90		
July 1890	10	2	М	. 70	"	41	Average	10	4	M	.771	••	**
•				I	301)	LERMAI	KERS' HEL	PERS.	4		•	-	
Jan. 1844	10	1	М	. 87	per	day.	July 1849	10 ·10	12 1	M M	. 75 . 87 ½	per	day.
July 1844	10 10	1	M M	.75 1.00	66	**		10	. 3	M	1.00° 1.124	66	44
Average	10	. 2	M	. 87 <u>1</u>	46	**	Average	10	18	М	. 841	66	44
Jan. 1845	10 10	1 1	M M	. 75 1. 00	**	***	Jan. 1850	10 10 10	8 2 2	М М М	. 75 . 87½ 1. 00	68 66	44 44
Average	10	2	\mathbf{M}	. 87½	44	**		10	3	M	1. 123	66	44
July 1845	10 10 10	7 1 1	M M M	.75 .87½ 1.00	4 5 4 4	44 44	Average July 1850	10	15 9	M M	. 87½	64	"
Average	10	9	M	. 79	66	44	,	10 10	2 2	M	.87½ 1.00	41	44
Jan. 1846	10	5	M	.75	44	64		10 10	1	M M	1. 12½ 1. 25	44	**
	10 10	ì	M M	. 87½ 1. 00	44	46	Average	10	15	M	. 86	1.6	4.6
Average	10	7	м	. 80 <u>1</u>	64	**	Jan. 1851	10	16	M	. 75	44	**
J uly 1846	10 10	4 1	M M	. 75 1. 00	"	44		10	3 9	M M	1.00	44	66
Average	10	5	M	. 80	**	44	Average	10	28 `	M	. 841	44	44
Jan. 1847	10 10 10	5 1 2	M M M	.75 .87½ 1.00	66 66	66 66	July 1851	10 10 10 10	9 5 2 1	M M M M	. 75 . 87½ 1. 00 1. 12½	66	46, 65 66, 66
Average	10	8	М	. 83	6.6	66	Average	10	17		. 84	14	66
July 1847	10 10	6 2	M M	. 75 1. 00	46	44	Jan. 1852	10 10	16 4	M M	. 75 . 87 <u>1</u>	£ 8 4 4	**
Average	10	8	м	. 811	44	**		10 10	1 2	M M	1.00 1.12½	44	4.0
Jan. 1848	10 10	5 1	M	. 75	£4 £4	66 66	Average	10	23	M	. 813	44	44
	10 10	1 1	M	. 87½ 1. 00	44	"	July 1852	10 10	1 30	M	. 62½ . 75	64 64	64
Average	10	8	м	. 801	44	44		10 10	7 4	M	: 87½ 1, 12½	44	**
July 1848	10 10 10	7 2 3	M M M	.75 .871 1.00	66 66	46 46 44	Average Jan. 1853	10	42	M M	, 803	"	46
Average	10	12	M	. 834	44	**	Jan. 1854	10	1 7		1.00	"	44
Jan. 1849	10 10 10	9	M M	.75 .871	66	66	5 au. 1004	10 10 10 10	1 5 1	M M M M	.75 .87½ 1.00 1.12½	64 64	16 64 66
	10 10	3 2	M M	1.00	44	61	Average	10	14	М	. 871	44	**

July 1854

16 M .881 " "

Average.

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METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

BOILERMAKERS' HELPERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day	Different employés.	Sex.	Rate	of v	vages.
July 1854- conc'd.	10 10 - 10	1 3 6	M M M	\$0. 87½ per day.	Jan. 1860- cone'd.	10 10	2 1	M M	\$1.00 1.12½	per (lay.
Average	10	19		.91 '"	Average	10	12	M	. 84	6.4	6.6
Jan. 1855	10	1	М	.581	July 1860	10 10	1 6	M	. 70 . 75	11	4.6
-	10 10	1 2	M	. 62\frac{1}{2} \cdots		10	1	М	. 87 <u>1</u>	1.6	4.4
	10	14	М	. 75	Average	10	8	M	. 76	6.6	6.6
	10 10 10	3 4	M M M	1. 00 " " " 1. 12½ " "	July 1861	10 10	2 2	M M	$1.12\frac{1}{2}$	"	44
Average	10	18	М	.87	Average	10	4	M	1.00	4.4	44
July 1855	10	1	M	. 621 " "	Jan. 1862	10	3	M	. 75	44	6.6
	10 10	3 5	M	. 66½ " " "		10 10	3	M	. 87½ 1. 12½	66	5.6
-	10	5	M	. 871				١	·	61	4.4
•	10 10	5 3	M	1.00 " " " 1.12½ " "	Average		9	M	.91½		
Average		22	М	.87 " "	July 1862	10 10 10	2 1 2	M M M	.75 .871 1.121	66	44
Jan. 1856	10 10	18	M	.75 " " .87½ " "	Average	10	5	M	. 921	44	44
	10 10 10	10 4 1	M M M	1, 00° " " " " 1, 12½ " " " 1, 25° " " "	Jan. 1863	10 10	$\frac{1}{2}$	M M	. 87½ 1. 00	44	44
Average	10	- 36	М	. 881 " "	Average	10	3	М	. 96	6.6	8.6
July 1856	10	18	M	.75 " "	July 1863	10	1 2	M	.50	44	£ £
Ü	10	3 7	M	1.00 " "		10 10	2	M	. 62½ 1, 00	6.4	64
	10 10	5 2	M M	1. 12½ " " 1. 25 " "	Average	10	5	M	. 75	44	4.6
Average	10	35	M	. 89½ " "	Jan. 1864	10	3	M	. 50	44	**
Jan. 1857	10	3	M	.75 " "		10 10	1 1	M	. 624	. 6	44
0 MH. 1001	10	2	M	. 871 " "		10 10	3	M	1.00	46	4.5
	10 10	2	M	1. 00 " " " 1. 12½ " "	Avronogra		10	M	. 824	44	41
Average	10	11	М	. 93 '' ''	Average	10	1 4	м	, 621	4.6	14
July 1857	10	2	M	. 75 " "	July 1864	10	2	M	. 75	66	6.6
,	10 10	2	M	1.00 " "	ļ	10 10	1 1	M	1.00 1.12½	6.6	1.6
	_ 10	3	M	1. 12½ " "	1	10	1	M	1. 25	4.6	**
Average	10	8	M	. 951 " "	Average	10	9	М	. 82	- "	64
Jan. 1858	10 10	1 1	M M	1. 25	Jan. 1865	10 10 10	1 1 3	M M M	. 62½ . 87½ 1. 00	16	64 64
Average	10	2	М	1,00 "	Average		5	м	, 90	44	41
July 1858	10 10	1	. M M	.75 41 41 11 .872 44 44	July 1865		2	M M	1.00 1.12½	44	11
Average	10	2	M	.81½ " "	Averag		3	M	1.04	£1	44
July 1859	10	4	M	.75 " "	Jan. 1866		2	M	. 75	4.4	44
_,, u	10 10	2	M	1. 121 " "	Jan. 1000	10 10	1 1	M	1.00 1.123	61	44
Average	-	7	М	. 871	Averag		4	M	. 90½		6.4
Jan. 1860	10	1	M	.70	July 1866	10	1	M	1.00	66	44
	10	6 2	M	.75 " " .871 " "	Jan. 1867 July 1867	10	1 1	M	1. 12± 1. 12±		44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

BOILERMAKERS' HELPERS-Continued.

- ·	Hours	D:0t					, p	Hours	D:454	Ī	Ī		_	
Payroll of—	per day.	Difterent employés.	Sex.	Rate	of	wages.	Payroll of—	day.	Different employés.	Sex.	Rate	of	wag	es.
Jan. 1868	10 10	1 1	M	\$0.87 1 1.00		4.4	Jan. 1874	10	2	М	\$0.80	_	day	y.
	10	1	M	1.25	**	4.6	July 1874	10	2	M	1.30	11	44	
Average	10	3	M	1.04	64	**	Average		3	м	. 964		44	
July 1868	10	1	М	.80	44	44	Average	1		-41	. 304	-		
	10 10	1	<u>И</u> И	1.00 1.25	**	**	Jan. 1875	10 10	2 1	M M	. 80 1. 30	66	44	
Average	10	3	M	1.011	44	44	Average	- 10	3	м	. 961	44	44	
Jan. 1869	10	1	M	. 871	11	**	T-1- 105*	* 10		м	00	"	44	
	10 10	1 2	M	. 90 1. 00	6.6	66	July 1875	10	2		. 80			
	10	1	M	1.10	44	4.4	Jan. 1876	10 10	$\frac{2}{1}$	M	. 80 1. 40	44	64	
Average	10	5	M	. 971		66	Average	10	3	M	1.00	44	**	
J uly 1869	10 10	1	M M	. 871	44	44	l	-						
	10	1 1	M	1.00	4.6	66	July 1876	10	3	M	. 80	44	44	
	10	1	M	1.20	44	64	ļ	10 10	2 2	M	1.00 1.20	44	64	
Average	10	4	М	. 991	44	**		10	2 2	M	1.30	44	44	
Jan. 1870	10	1	м	. 87	4.6	44	Average	10	9	M	1.041	44	44	
	10 10	1	M	1.00 1.50	44	44	Jan. 1877	10	4	м	. 80	46	44	
A					"	44	0 444. 1011	10	2	M	1.10	11	66	
Average	10	3	M	1. 121	**	**		10 10	2	M	1. 20 1. 30	44	46	
July 1870	10	1	M	. 80	44	44		10	î	M	1.40	6.6	44	
	10 10	1	M	1.00 1.40	44	44	Average	10	13	M	1. 11	44	6.6	
\mathbf{A} verage	10	3	М	1.061	••	46 /	July 1877	10	1	M	. 80	46	**	
Jan. 1871	10	1	M	.80	44	44		10 10	1	M	. 90	**	44	
	10 10	1	M	1.00	66	44	7	10	I 1	M	1,00 1,10	44	44	
		1	_M_	1, 40	. "			10	5	M	1.20	66	44	
Average	10	3	M	1.06	44	4.6		10 10	3 2	M M	1, 30 1, 40	**	44	
July 1871	10 10	2_1	M M	1.00 1.20	66	66	Average	10	14	М	1.18	14	46	
Average	10	3	M	$1.06\frac{1}{2}$	44		Jan. 1878	10	2	M	. 80	44	44	
Jan. 1872	10	1	M	. 80	44	61	1 1	10 10	.7	M	1.00 1.20	44	44	
	10	2	M	. 90	6.6	44		10	2	M	1. 30	64	44	
	10 10	2 1	M M	1.00 1.30	46	44	1	10	1	M	1.40	**	4.6	
-	10	î	M	1.40	4.6	44	Average	10	13	M	1. 15	**	**	
Average	10	7	M	1.041	66	44	July 1878	10	, 2	M	1. 20	**	44	
July 1872	10 10	2 2	M M	. 90 1. 00	**	66	li l	10	1	_M_	1.40			
	10	1	M	1, 20	**	44	A verage	10	3	M	1.261		* *	_
	10	1	_M	1.40	6.6	14	Jan. 1879	10	2	M	1, 20		44	
Average	10	6	M	1.061	4.4	**	0 1127 1070	10	ĭ	M	1, 30	44	44	
Jan. 1873	10 10	4	M	1.00	44	44	Average	10	3	M	1. 231	14	44	
	10	1	M M	1.40 1.50	**	**	July 1879	10	1	M	1. 20	66	44	1
Average	10	6	M	1.15		44	A 22-22-5	10	<u>2</u>	M	1.30			
J uly 1873	10	2	M	.80	66	44	Average	10	3	M	1, 26½			
	10 10	2 2	M M	1.00 1.30	44	44	Jan. 1880	10 10	1 9	M M	. 90 1. 30	66	4.6	
Average	10	6	М	1.03	44	4.6	Average	10	4	м	1. 20	44	46	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK Continued.

BOILERMAKERS' HELPERS Continued.

Payroll of—	Hours per day.	Different employes.	Sex.	Rate	of wag	es.	Payroll of -	Hours per day.	Different employés.	Sex.	Rate	of v	vages
July 1880	10 10 10	1 1 2	M M M	\$0.80 .90 1.40	per day	y.	July 1886	10 10 10	2 2 2 2	M M M	\$0. 80 1. 00 1. 30	per	day.
Average	10	4	M	1. 12½	11 46		Average	10	6	M	1.031	44	`r-
Jan. 1881	10 10	1 3	: M M	1. 80 1. 00	44 44		Jan. 1887	10 10	2 2	M M	. 80 1. 00	11	**
	10 10	1 2	M	1, 20 1, 30	61 66		Average		4	М	. 90	"	**
	10	1	71	1.40	14 54	Į	July 1887	10	1	M	. 80	"	46
Average	10	8	M	1. 121	11 41			10	$\frac{1}{2}$	M M M	1.00 1.10 1.25	64	44
July 1881	10 10 10	2 2 3	M M	1.00 1.20	11 11		Average	10	5	M	1. 05		64
	10 10	2	M	1.30			Jan. 1888	10	2	м	1.00	64	61
A.verage		10	М	1.14	44 44			10 10	1 1	M	1. 10 1. 25	44	44
Jan. 1882	10	1	М	. 90	41.7 11		Average	10	. 4	м	1.08	"	"
•	10 10 10	2 4 1	M M M	1.00 1.30 1.40	11 11	.	July 1888	10 10	1 1	M	. 70 1, 00	6.6 6.6	44
Average	10	8	M	1.18				10 10 10	1 1 1	M M M	1. 20 1. 25 1. 40	46	44
July 1882	10 10	1 1	M M	1.00 1.10	46 61			10	1	M	1.50	- "	4.6
-	10	2	N N	1.30			Average	. 10	6	M	1. 17	"	**
Average	10	4	М	1.17			Jan. 1889	10	1 1	M	1.10	44	16
Jan. 1883	10 10	1	M	1.00	66 66			10 10 10	1 2	M M M	1. 25 1. 30 1. 40	44	44
	10 10	1 1	M	1, 20 1, 30	44 41		Average		6	_!	1. 17	. "	46
Average	10	4	M	1.15		•	July 1889	10	1	M	. 85	- 66	44
July 1883	10 10	1	M	1.10 1.20	66 61			10	1 2	M	1. 10 1. 25	44	64
	10 10	2	M	1.30	66 61			10 10 10	1 1 2	M	1.30 1.35 1.40	44	- 11
Average	10	7	М	1.30	46 61	•		10	ī		1.60	- "	44
Jan. 1884	10 10	1		1.10 1.20	66 61	6	Average	1	10		1.28	41	**
	10	2	_	1.40	- 66 69 L 11 69		Jan. 1890	10 10 10	1 1	M	1. 10 1. 25	64	**
Average		4		1	44 4			10	2	M	1.30	66	44
July 1884	10 10 10	1 2 2	M	1.30	44 4			10 10	3 2 1	M M	1. 40 1. 50 1. 60	4.4	14 14 44
Average	I	.	M	1.32		6	Average	e 10	12		1. 33		44
Jan. 1885	10	2	M	1. 25	44 4	6	July 1890	1	2	м	1.10		44
July 1885	10 10	1			44 6	6		10		L M	1. 25		
	10 10	1	M	1.00	46 4		1	10 10 10	4	l M	1.40	41	66
Average	10	4	М	. 93	· · ·	4		10		M	1.60) " -	
Jan. 1886	10 10	2	M	1.00		4	Averag		1	i		,	
	10	1	M	1.25	_		Jan. 1892	1 10 10 10		M M M	1. 25	5 1	44
▲ verage	10	4	M	. 96	ą "·	•	11	10			1, 00		

MIETALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

BOILERMAKERS' HELPERS Concluded.

Payroll of—	Hours per day.	Different employés.		Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.
Jan. 1891– cone'd.	10 10 10 10	8 4 1	M M M M	\$1.35 1.40 1.50 1.60	per "	day.	July 1891- conc'd.	10 10 10 10 10	2 2 6 5	M M M M	\$1.30 1.35 1.40 1.50 1.60	per "	day.
Average	10	20	M	1, 371	4.6	**		, 10	i	M	1.70	16	"
July 1891	10 10	2 1	M M	1. 20 1. 25	41	"	Average	10	. 20	M	1.401	1.5	",

FOREMEN, BLACKSMITHS.

July 1849	10	1	М	2,00	per da		July 1873	10	1	м	4.00	per	day,
Jan. 1850	10	ī	M	2.00	POI (II		Jan. 1874		1 ·	M	4.00	Por	ii,
July 1850	10	î	M	2, 00	66 6		July 1874		î	M	4.00	4.6	64
Jan. 1851	10	i	M	2.00	66 6		Jan. 1875	10	î	M	4.00	4.6	4.6
July 1851	10	î	M	2, 00	66 6		July 1875		î	M	4.00	6.6	44
Jan. 1852	10	î	M	2.00	44 4	6	Jan. 1876		î	M	4.00	. 4	
July 1852	10	î	m	2. 25	44 4		July 1876		î	m	4.00	6.6	6.6
Jan. 1854	10	i	M	2.50	61 6		Jan. 1877	10	î	M	4.00	6.6	64
July 1854	10	2	M	2.75	66 6		July 1877		î	M	4.00	4.6	6.6
Jan. 1855	10	ĩ	M	2.75	+ 66 6		Jan. 1878		î	M	4.00	6.6	11 '
July 1855	10	î	M	2. 75	66 4	ı	July 1878		î	M	4.00		14
Jan. 1856	10	î	$\widetilde{\mathbf{M}}$	3.00	44 4	۱ ا	Jan. 1879		î	M	3.75	6.6	4.4
July 1856	10	î	M	3.00	66 6	6	July 1879		ī	M	3.75	2.6	4.4
Jan. 1857	10	î	$\mathbf{\tilde{M}}$	3. 00	46 6		Jan. 1880	10	î	M	3, 75	6.6	66
July 1857	10	ī	M	3.00	66 6	6	July 1880		ī	M	3.75	4.6	64
July 1861	10	î l	M	2.00	64 L		Jan. 1881		î	M	3, 75	1.6	1.1
Jan. 1862	10	ī	M	2,00	66 6	٠	July 1881		ī	M	3, 75	-16	44
July 1862	10	ī	M	2,00	64 4		Jan. 1882	10	ī	M	3.75	4.6	4.6
Jan. 1863	10	î	$\widetilde{\mathbf{M}}$	2,00	44 4	۱ ا	July 1882		ī	M	3.75	64	44
July 1863	10	ī	M	2. 50	44 6	.	Jan. 1883		ï	M	3.75	4.6	4.6
Jan. 1864	10	î	M	3.50	16 1	٤	July 1883		l î	$\overline{\mathbf{M}}$	3, 75	4.6	4.6
July 1864	10	ī	M	3.50	66 6	6	Jan. 1884	10	l ī	M	3.00		6.6
Jan. 1865	10	1	M	4, 50	46 4		July 1884		ī	М	5, 00	6.6	4.1
July 1865	10	ī	M	4.50	44 4	4	Jan. 1885		T/	M	3.00	1.5	**
July 1866	10	ī	M	3, 00	46 6	4	July 1885		ī	M	3.00	4.6	44
Jan. 1867	10	1	M	3, 25	41 4	4	Jan. 1886		1	M	3,00	1.6	6.6
July 1867	10	1	M	3, 25	44 4	4	July 1886		1	M	3, 50	4.6	6.6
Jan. 1868	10	1	M	3, 25	44 6	4	Jan. 1887		1	M	3, 50		6.6
July 1868	10	1	M	3, 25	44 6	4	July 1887		1	M	3, 50		6.6
Jan. 1869	10	1	\mathbf{M}	3, 25	66 6	٠	Jan. 1888		1	M	3.00		**
July 1869	10	1	\mathbf{M}	3. 25	44 4	4	July 1888		1	M	3, 00	1.4	4.6
Jan. 1870	10	1	M	3. 25	11 4	٤.	Jan. 1889	10	1	M	3,00	* *	+ 4
July 1870	10	1	\mathbf{M}	3. 25		4	July 1889		1	M	3.00	4.4	4.6
Jan. 1871	10	1	M	3.50	66 6	6	Jan. 1890		1	M	3. 25	4.4	44
July 1871	10	1	M	3.50	4	4	July 1890		1	M	3, 25	11	14
Jan. 1872	10	ī	$\overline{\mathbf{M}}$	3.80	64 6	6	Jan. 1891		ī	М.	3, 25	144	44
July 1872	10	1	M	3, 80		i.	July 1891		1	\mathbf{M}	3, 25	4.6	44
Jan. 1873	10	1	\mathbf{M}	3.80	64 6	i,]	1					
1	,							20		l	J		

FOREMEN, BOILERMAKERS.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

FOREMEN, BOILERMAKERS Concluded.

of day. employes. Sex. Rate of wages. of day.	oifferent aployés. Sex.	Rate of wages.
July 1864 10 1 M \$3. 25 0 July 1878 10 Jan. 1865 10 1 M 3. 25 0 July 1879 10 Jun. 1806 10 1 M 3. 25 0 July 1879 10 Jan. 1806 10 1 M 3. 33½ 0 Jan. 1880 10 July 1867 10 1 M 3. 33½ 0 July 1880 10 July 1867 10 1 M 3. 33½ 0 July 1881 10 July 1867 10 1 M 3. 33½ 0 July 1881 10 July 1868 10 1 M 4. 12½ 0 July 1882 10 July 1868 10 1 M 4. 12½ 0 July 1882 10 July 1869 10 1 M 4. 12½ 0 July 1882 10 July 1869 10 1 M	1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M	\$4. 12½ per day. 4. 12½ to to 3. 33½ to to 4. 12½ to to

FOREMEN, MACHINISTS.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

FOREMEN, MOULDERS.

Payron	Hours per day.	Different employés.		Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1865 July 1866 Jan. 1866 July 1866 Jan. 1867 July 1868 July 1868 July 1868 July 1868 July 1869 July 1870 Jan. 1870 July 1870 July 1871 Jan. 1871 July 1871 July 1872 July 1873 July 1873 July 1873 July 1874 July 1874 July 1874 July 1875 July 1875 July 1875 July 1876 Jan. 1876 Jan. 1876	10 10 10 10 10 10 10 10 10 10 10 10 10 1	111111111111111111111111111111111111111	M M M M M M M M M M M M M M M M M M M	\$3. 33\(\frac{1}{2}\) per day. \$3. 33\(\frac{1}{2}\) " " \$3. 53\(\frac{1}{2}\) " " \$3. 50\" " " \$3. 70\" " " \$3. 70\" " " \$3. 70\" " " \$3. 70\" " " \$3. 70\" " " \$4. 12\(\frac{1}{2}\) " " \$5. 12\(\frac{1}{2}\) " " \$6. 12\(\frac{1}{2}\) " " \$6. 12\(\frac{1}{2}\) " " \$6. 12\(\frac{1}{2}\) " " \$6. 12\(\frac{1}{2}\) " " \$7. 12\(\frac{1}{2}\) " " \$7. 12\(\frac{1}{2}\) " " \$7. 12\(\frac{1}{2}\) " " \$7. 12\(\frac{1}{2}\) " " \$7. 12\(\frac{1}{2}\) " " \$7. 12\(\frac{1}{2}\) " " \$7. 12\(\frac{1}{2}\) " " \$7. 12\(\frac{1}{2}\) " " \$7. 12\(\frac{1}{2}\) " " \$7. 12\(\frac	Jan, 1880; July 1880, July 1880, July 1881, Jan. 1882; July 1882, Jan. 1883; July 1883; July 1884; July 1886; July 1886; July 1886; July 1886; July 1887; July 1888; July 1888; July 1888; July 1889; July 1889; July 1889; July 1890; July 1890; July 1890; July 1890; July 1890; July 1890; July 1890;	10 10 10 10 10 10 10 10 10 10 10 10 10	111111111111111111111111111111111111111	M M M M M M M M M M M M M M M M M M M	\$4.12\(\) perday

FOREMEN, PATTERNMAKERS.

July 1864	10	1 M	3.00	per d	lav.	July 1878	10	1	M	5.00	ner	đav.
Jan. 1865	10	1 M	3. 25	***	**	Jan. 1879	10	1	M	5.00	- 11	4,5
July 1865	10	1 M	3, 75	6.6	"	July 1879	10	ī	M	5.00	6.6	64
Jan. 1866	10	1 M	3.75	6.6	44	Jan. 1880	10	ĺ	M	5, 00	4.6	64
July 1866	10	1 M	4,00	4.4	4.6	July 1880	10	î	M	5.00	4.6	66
Jan. 1867	10	1 M	4.00	6.6	64	Jan. 1881	10	î	M	5. 00	4.6	44
July 1867	10	1 M	4.00	1.6	14	July 1881	10	ไ	M	5.00	6.6	6.6
Jan. 1868	10	1 M	4.00	66	44	Jan. 1882	10	î	M	5. 00	6.6	4.6
July 1868	10	1 M	4.00	64	44	July 1882	10	î	M	5.00	4 4	66
Jan. 1869	10	1 M	4.50	8.6	8.6	Jan. 1883	10	î	M	5.00	4.4	44
July 1869	10	1 M	4.50	6.6	44	July 1883	10	î	M	5.00	4.6	6.5
Jan. 1870	10	1 M	4.00	4.4	44	Jan. 1884	10	î	M	5, 00	6.6	66
July 1870	10	1 M	4.00	6.6	66	July 1884	10	î	M	5.00	4.6	84
Jan. 1871	10	1 M	4.00	66	5.5	Jan. 1885	10	ī	M	5.00	64	46 ,
July 1871	10	1 M	4.00	64	64	July 1885		î	M	5.00	4.4	66
Jan. 1872	10	1 M	4.00	44	6.6	Jan. 1886	10	î	M	5.00	4.6	44
July 1872	10	1 M	4,00	4.4	6.6	July 1886	10	î	M	5.00	4.6	+4
Jan. 1873	10	1 M	4.00	4.6	6.6	Jan. 1887	10	î	m	5.00	44	44
July 1873	10	1 M	4,50	6.6	6.6	July 1887	10	î	• M	5.00	4.6	tt
Jan. 1874	10	1 M	4, 50	6.6	61	Jan. 1888	10	î	M	5.00	11	4.6
July 1874	10	1 M	4.50	6.6	41	July 1888	10	î	M	5.00	4.6	66
Jan. 1875	10	1 M	4, 50	44	44	Jan. 1889	10	î	$\widetilde{\mathbf{M}}$	5.00	4.6	66 ,
July 1875	10	1 M	4.50	6.6	44	July 1889	10	î	$\overline{\mathbf{M}}$	5.00	11	44
Jan. 1876	10	1 M	4, 50	4.6	8.6	Jan. 1890	10	î	M	5,00	6.6	11"
July 1876	10	1 M	4.50	6.6	8.6	July 1890	10	i	M	5.00	6.6	44
Jan. 1877	10	1 M	4.50	4.6	61	Jan. 1891	10	î	M	5.00	44	44 ,
July 1877	10	1 M	5, 00	44	44	July 1891	10	î	M	5,00	4.6	44
Jan. 1878	10	1 M	5, 00	44	44	1 223 1001		-	2/8.	0.00		7
						111		- 1		l		

MACHINISTS.

Jan. 1843	10	2	М	1. 25	per	day.	July 1844	10	1	M	1.121	per	day.
J uly 1843	10 10	1 2	M M	1.00 1.25	18	44	1	10 10 10	9 3 1	M M M	1.25 1.371 1.75	6.6	66 66
▲verage	10	3	М	1.161	41	**	Average	10	14	м	1.301	44	, 44
J an. 1844	10 10	2 9	M M	1.00 1.25	44	44	Jan. 1845	10 10 10	1 5 2	M M M	1.12½ 1.25 1.37₺	66 66	44
Average	10	1 12	М 	1.75	44	**	Average	10	ı ı	М	1. 50	86 -	#

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MACHINISTS -Continued.

Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of	Hours per day:	Different employés.	Sex.	Rate o	of w	ages.
July 1845	10 10 10	7 3 1	M M M	\$1.25 1.37½ 1.50	per	la y .	July 1850	10 10 10 10	2 1 3 1	M M M M	\$1. 25 1. 37½ 1. 50 1. 62½	ere	lay.
Average	10	11	M	1.301		44	Average	10	7	М	1. 43		44
Jan. 1846	10 10 10	6 1 1	M M M	1. 25 1. 37½ 1. 50	14 14	**	Jan. 1851	10 10	2 2	M M	1. 25 1. 37½	16	46
Average	10	8	м	1. 291	4.6	44		10 10	3 1	M M	1.50 1.62½	16	11
July 1846	10 10 10	5 1 I	M M M	1.25 $1.37\frac{1}{2}$ 1.50	44	41 41	Average July 1851	10	8 2	M M	1. 42 1. 00	64	64
,	10	1	М	1.621	4.6	"	J	10 10	2 2	M M	1. 25 1. 37½	11	. 44
Average	10	8	М	1.341	4.6	6.6		10 10	8	M	1.50° 1.75	6 E E	44
Jan. 1847	10 10	1	M	1.00 1.121	11	44	Average	10	15	M	1.40	1.4	
	10 10 10 10	1 1	M M M M	1. 25 1. 50 1. 62½ 2. 00	66	66 66 68	Jan. 1852	10 10 10	1 3 2	M M M	1. 12½ 1. 25 1. 37½	16 11 11	44 44
Average	10	11	М	1.381	ţ t	4.6		10 10 10	1 2	M M M	$ \begin{array}{c c} 1.50 \\ 1.62\frac{1}{2} \\ 1.75 \end{array} $	66	11
July 1847	10 10	1 1	M	1.00 1.12½	16	4.6 6.6	Average		18	M	1. 46	44	**
	10 10 10 10	3 3 1 1	M M M M	1. 25 1. 50 1. 87½ 2. 00		6 6 6 6 6 6	July 1852	10 10 10	2 2 10	M M M	1. 25 1. 37½ 1. 50	11	44 44 44
Average	10	10	M	1.42	4.6			10 10	3 2	M	1. 62½ 1. 75	44	44
Jan. 1848	10	1	M	1.00	16	14	Average	10	19	M	1.501	44	44
	10 10 10 10	1 2 3 1	M M M M	1. 12½ 1. 25 1. 50 1. 87½	44	66 66	Jan. 1854	10 10 10	3 3 2 1	M M M	$1.12\frac{1}{2}$ 1.25 $1.37\frac{1}{2}$ 1.50	64 66 65	64 66 64
Average	10	8	М	1.371		44	1	10 10 10	4 5	M	1. 62½ 1. 75	**	44
July 1848	10 10	1 1	M	1.00 1.25	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	44 44		10	2 2	M	1. 87½ 2. 00	11	11
	10 10 10	1 3 1	M M M	1.37½ 1.50 1.62½	**	44	Average	10	22	M	1.56½	6.6	**
	10	i	M	1.87		46	July 1854	10	3 3	M	1. 25 1. 37½	16	16
Average		8	M	1.45		46		10	3	M M M	1.50 1.62½ 1.75	14	6.6
Jan. 1849	10 10 10	3 1 3	M M M	1.25 1.371 1.50		44		10 10 10	.5	M	1.87½ 2.00	4.6	44
	10	1 1	M	1, 621	16	16		10	ī	M	2, 50		41
Average	10	9	M	1.46	. 46	44	Average	10	23	M	1.66½	. 4	44
July 1849	10	3	M	1. 25	44	44	Jan. 1855	10 10	2 2	MM	1. 25 1. 37½	44	44
	10 10 10 10	1 2 2 1	M M M	1. 374 1. 50 1. 624 1. 878		66 66 66		10 10 10 10		M M M M	1. 50° 1. 62½ 1. 75° 1. 87½	11	11 -
Average		9	M	1.47		44		10	3	M	2.00	. 1	**
Jan. 1850	10	3	M	1. 25	44	66	Average	e 10	17	M	1,63		4.6
	10 10 10	1 3 1	M	1. 37½ 1. 50 1. 62½	- 44	66 61	July 1855	10 10 10	1	M	1. 25 1. 37½ 1. 50	6 s	66 66
Average	10	8	M	1. 40	. "	66	11	10			1. 62	41	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MACHINISTS-Continued.

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Payroll of—	Hours per day.	Different employés.	Sex.	Rate	0	fv	wages	Payroll of—	Hours per day.	Different employés.		Rate	of	wages	١.
July 1855-	10	7	м	\$1.75	TD	er	day.	Jan. 1862	10	3	M	\$1.25	Dei	day.	
conc'd.	10	3	M	2.00	_	4	11		10	3	M·	1.371		44	
Average	10	17	м	1.641		4.4	"		10 10	2 1	M .M	1.50 1.661	11	"	
Jan. 1856	10	2	м	1.25			"	ll.	10	2	м	1.75	4.6	44	
0 all. 1000	10	2	M	1.374	1	14	44	Average	10	9	M	1.471	4.6	46	
	10 10	$\frac{3}{2}$	M	1. 50 1. 62½		14	44	July 1862	10	4	M	1.371	44	"	
	10	7	M	1.75		44	"	July 1002	10	2	\mathbf{M}	1.50	64	46	
	10 10	1 5	M M	$1.87\frac{1}{2}$ 2.00		66	44		10 10	2 1	M M	1.62½ 1.66½	44	44	
	10	2	M	2. 121		64		H	10	1	M	1.75	66	66	
Average	10	24	M	1.721		* *	**		10 10	1	M	1.87½ 2.00	66	66	
July 1856	10 10	1 5	M M	1. 25 1. 50		. 1	46	Average	10	12	M	1.584	66	"	
	10	2	M	1.624		4.4	4.6	Jan. 1863	10	2	м	1.371	4 6	44	
	10 10	8	M M	1.75 1.87		66	14		10 10	5	M	1.50	11	44	
	10	4	M	2.00		4.6	44		10	1 1	M M	1.62½ 1.66½	44	46	
	10	2	M	2. 121		ı ı	4.6]]	10 10	2	M	1.75	44	44	
Average	10	23	M	1.74		4	**		10	1 1	M M	$\begin{bmatrix} 1.87\frac{1}{2} \\ 2.00 \end{bmatrix}$	"	"	
Jan. 1857	10 10	. 2	M	1. 25 1. 50		44	"	Average	10	13	м	1.61	"	14	
	10	1	M	1.621		44	4.6	July 1863	10	. 1	м	1. 25	66	44	
	10 10	7 1	M	$\frac{1.75}{2.00}$		44 46 -	44		10 10	1 3	M	1.50 1.624	44	16	
A							4.6		10	1	M	1.66%		6.6	
Average	10	13	М	1.641			••	1 1	10 10	1 4	M	1.75° 2.00	44	66	
July 1857	10	1 2	M	1, 25		4 6	44	- 1	10	ī	M	2. 121	44	4.6	
	10	4	M	1.50 1.75	4	6 6	6.6	Average	10	12	м	1.761	44	64	
	10 10	1 1	M M	$\frac{1.87\frac{1}{2}}{2.00}$			44	Jan. 1864	10	1	м	1. 25	66	64	
Average	10	9	M	1. 68		14		01111 1001	10	1 2	M M	1.37½ 1.50	46	4.6	
Jan. 1858	10	1	м	1.50		16	44		10	5 1	M M	1.75 2.00	6 6 6 6	44	
July 1858			- 1						10	2	M	$2.12\frac{1}{6}$	11	"	
9 uly 1000	10 10	1	M M	1. 87½ 2. 50		6			10	2	M	2. 25	61	"	
Average	10	2	М	2. 181	6	4	**	Average	10	14	M	$1.79\frac{1}{2}$			
July 1859	10 10	2 1	M	$1.12\frac{1}{2}$		6	**	July 1864	10	2 1	M	1.50 2.00	**	46	
	10	1	M	1. 25 1. 37½			11		10	2 1	M	$2.12\frac{1}{4}$	"	64	
	10	1	\mathbf{M}	1.50		4	44		10	1 1	M	2. 25 2. 37	44	66	
	10 10	1 1	M M	$1.62\frac{1}{2}$ $1.87\frac{1}{2}$			*1		10	1	M	2.50^{-}	41	11	
Average	10	7	M	1.41					10 10	1 2	M	$2.62\frac{1}{2}$ 2.75	"	**	
Jan. 1860	10	2	M	1. 121	6	4	4.6	Average	10	11	M	2. 221	4.6	44	
	10 10	2 1	М.	1. 25		4	44	_ [_			
	10	2	M	1. 37½ 1. 50			44	Jan. 1865	10 10	2 2	M M	1. 25 1. 75	44	11	
	10	1	M	$1.87\frac{1}{2}$			44		10	2	M	2.25	44	4.6	
Average	10	В	M	1.37		4	44		10 10	$\begin{bmatrix} 2\\1 \end{bmatrix}$	M	2. 37 1 2. 50	66	46	
July 1860	10	1	M	$1.12\frac{1}{2}$		6	6.6		10	1	M	$2.62 \pm$	64	44	
	10 10	$\frac{1}{2}$	M M	$1.37\frac{1}{2}$ 1.50		6	66 66		10	2	M	2.871		"	
Average	10	4	M	1. 371	6	L	44	Average	10	12	М	2. 171		44	
July 1861	10	1	M	1.50	4		64	July 1865	10 10	1	M M	1. 25 1. 37½	**	16	
	10	1	M M	1.661	6		11		10	1 -	M	1.50^{-}	**		
				1.75					10 10	$\frac{1}{2}$	M	1. 62½ 2. 25	14	11	
Average	10	3	M	1.64		-6	4.6	H [10	ĩ۱	M	2. 371	44	44	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK-Continued.

MACHINISTS-Continued.

	-		1				lı				1	-	
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	ages.
July 1865- cone'd.	10 10	1	M M	\$2. 50 2. 75	per	day.	July 1868- cone'd.	10 10	1 4	M M	\$2.62½ 2.87½	per	day.
Average	: 10	9	М	1.981	4.6	4.6	Average	10	13	M	2.351	**	**
Jan. 1866	10 10	3 1	M M	1.62½ 1.75	44	6 6 6 6	Jan. 1869	10 10	2	M	1.75 1.80	11	66
	10 10	1	M	2. 00 2. 25		44		10	1 2	M	2.00 2.124	4.6	11
,	10	1 3	M	$2.37\frac{1}{2}$ 2.50	66	4.6		10: 10	3 2	M M	2. 25 2. 50	2.2	44
-	10	ĭ	M	2.871	4.6	61		10 10	3	M	2. 62½ 2. 87½	44	44
Average	1	11	M	2. 15	44	44	Average		18	M	2. 37	14	44
July 1866	10 10	1	M	1. 12½ 1. 50		4.5	July 1869	10	1	м	1.50	44	14
	10 10	1 1	M	$1.62\frac{1}{2}$ $1.87\frac{1}{6}$		44		10	1	M	1.75 1.90	44	44
	10	1	M	2. 12	11	66	1	10	1	M	2. 10	66	66
	10	3	M	2. 50° 2. 75	4.5	16		/ 10 10	1 3	M	$2.12\frac{1}{2}$ 2.25	6.6	44
-	10	2	M	2.87	- 66	66	i.	10	2	M	2.50 2.62½	64	14
A	10	13	M	3.00 2.321				10 10 10	3 3 1	M M M	2. 87½ 3. 00	"	44
Average Jan. 1867	10	1	M	1. 37	"	4.6	Average		17	M	2. 39		**
-	10	1	M	1.62	16	66	Jan. 1870	10	1	м	1.50	6.6	44
	10 10	1	M	1.87		66	Jan. 1870	10	1	M	1.75	44	44
	10	1	M	$2.12\overline{2}$ 2.25	64	11		10	2	M	1.80 2.12½	44	44
	10 10	1	M	2.50	4.6	"	1	10	î	M	2.20^{-}	44	44
	10	1	M	2. 624	44	66		10	1 2 2	M	2. 25 2. 50	44	4.6
	10	3 4	M	2.75 3.00	6.6	6.6		10	2	M	2.621		46
^ Average		15	м	2. 42		**		10 10	1 3	M	2.87½ 3.00	66	"
J uly 1867	10	1	M	1. 25 1. 50	41	44	Average	10	16	M	2. 361	44	**
	10	1	M	1.62	44	44	July 1870	10	1	M	1.50	44	44
	10	1	M	1.75		44		10 10	1 2	M	1. 65 2. 00	66	11
. *	10	1	M	2. 12	- 66	44		10	1	M	$\begin{array}{c c} 2.12\frac{1}{2} \\ 2.20 \end{array}$	44	44
*	10	1. 1	M	2. 25 2. 627	46	14	1	10. 10	$\frac{1}{2}$	M	2. 25	44	66
	10 10	1 1	M	2.65		4.6		10	4	M	2.50	6.6	66
47	10	3 2	71	2.75		66		10	2 3	M	2. 62½ 3. 00	++	44
	10 10 10			3. 25 3. 75	"	44	Average	r	17	M	2, 361	6.6	44
Average			_	2. 43			Jan. 1871	10	1	M	1.65 2.00	44	66
Ü	"		M	1. 70		4.6		10	1 1	M	2.12	4.6	4.6
Jan. 1868	10 10		M	1.87	**	**		10	3	M	2. 20	11	4.4
*	10	1	M	2. 12		66		10 10	2	M	2, 25 2, 50	44	**
	10 10		M	2. 20 2. 25	66	66		10	2	M	$2.62\frac{1}{2}$	44	6.6
	10	1	M	2.62	44	66		10	3	M	3.00		
	10 10		M M	2. 65 2. 75	4.6	44	Average	10	14	М	2.40	"	4.4
	10	2	M	3.00	14	16			1	м	1,60		11
	10	. 1	M	3. 75			July 1871	10	1	M	2,00	44	66
Average	e 10	13	M	2.57	44	44		10 10	1 1	M	2. 123 2. 20	"	44
July 1868		1	M	1.70	44	**		10	2	M	2, 25	66	44
9 01 Y 1808	10	1	M	1.75	44	44		10	1 2	M	2. 40 2. 628		11
	10	1		1.80	14	44		10 10	3	M	3.00		44
'	10 10	1	M	2.25	44	66			12		2. 42		44
	1 10		1 M	2.50	11	14	Average	B 10	1 12	(,DOL	1 2. 92.25	2	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MACHINISTS Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1872	10 10 10 10	1 3 2 2	M M M	\$1.50 1.80 2.20 2.25	per 	day.	Jan. 1875- conc'd.	10 10 10	· 1	M M M	\$2, 50 2, 80 3, 10	per "	day.
	10 10	2 2	M	2. 50 2. 62 1	44	"	Average	10	6	M	2.381	**	**
	10 10	1 3	M M	2.70° 3.00	44	44	July 1875	, 10 10	1 1 1	M	1.50 1.60	44	66
Average	10	16	M	2.36	"	**		10 10	1	M M M	1.70 2.00 2.20	66	66 66
J uly 1872	10 10	1 1	M M	1.70 2.00	44	44		10 10 10	2 1 2	M M	2. 20 2. 40 2. 50	66	66
	10 10	2 2	M	2. 10 2. 20	16	66		10	2 1 1	M	2. 60 2. 80	45	* 66 66
	10 10	2	M M	2. 25 2. 50	11	66	Average	10.	11	M	2. 18	64	64
	10 10	2 1	M M	2.62½ 2.70	66	66	Jan. 1876	10	1	м	1.20	44	64
A ========	10	3	M	3.00		**		10 10	1 1	M M M	1.50 1.60 2.00	66	66 66
Averago Jan. 1873	10	15 1	M	2.411 1.621				10· 10· 10	1 2 2 1	M M	2. 20 2. 20 2. 30	- 44	11
0 an. 1010	10 10	I 4	M M	1. 70 2. 10	11	44		10 10.	1	M M	2.40 2.50	44	66
	10 10	2	M M	2. 20 2. 25	44	66		10 10	1	M M	2.80 3.10	66	66
	10	3 2 1	M	2.40	66	6 6 6 6	Average	10	12	M	2.15	£ E	4.6
	10 10	3	M	$\begin{array}{c} 2.62\frac{1}{2} \\ 3.00 \end{array}$	41	**	July 1876	10 10	1 2	M M	1.50 1.60	44	61
Average	10	18	м	2.341	"	66		10 10	1 1	M	1: 70 1: 80	44	**
July 1873	10 10	1 1	M	1.50 1.621	44	4.6		10 10	4	M M	2.00	44	44
_	10 10	1 1	M M	1.70 2.10	66	64		10 10	4 2 1 2	M	2. 20 2. 30	66	11 11
	10 10	3 5	M	2. 25	6 E	66 66		10 10	2 1 1	M M M	2.40	66	
	10 10 10	· 3 1 1	M M M	2, 50 2, 75 3, 00	16 -	44	Average	10	20	M	2.80	"	**
	10	1	М	3. 35	"	44	Jan. 1877	10	3	M	1.50		"
Average	10	18	М	2, 35	44	**		10 10	1 4	M	1.60 1.70	11	44
Jan. 1874	10 10	1	M M	1, 60 1, 70	44	64		10 10	3	M	1.80 2.00	44	66 66
	10 10 10	1 5 2	M M M	1.90	44	11		10 10 10	3 3	M M M	2. 10 2. 20 2. 40	"	11
	10 10	3	M M	2. 40 2. 50 3. 10	66	44		10 10 10	1	M M	2. 70 2. 80	t t	16 66
Average	10	14	м	2. 251	ıı	"	Average	10	26	M	1.991		п
July 1874	10	1	M	1.50	64	: E	July 1877	10	3	M	1.50	11	££
	10 10 10	1 2 1	M M M	1.60 1.70 1.90	**	11		10 10	3	M M M	1, 60 1, 70 1, 80	44	11
	10 10	$\frac{1}{2}$	M	2. 10 2. 20	11	"		10 10 10	3 1 3 3 3	M	2.00 2.10	14	66
	10 10	1 5	M M	2.30	44	44		10	3 3	M	2. 20 2. 40	4.6	44
	10 10	4	M	2, 50 2, 80	66	44		10 10	1 1	M M	2, 70 2, 80	64	44
A	10	1	M	3, 10	44	"	Average	10	23	M	2.01	14	14
Jan. 1875	10 10	23	M M	2. 24½ 1. 60			Jan. 1878	10	3 4	M	1.50 1.60	11	44
Jun. 1013	10 10 10	1 1	M M	1. 90 2. 40	66	66		10 10 10	4	M M M	1. 70 1. 80	66	66

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MACHINISTS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	rages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	rages
an. 1878- cone'd.	10 10	2	M M	\$2.00 2.10	per	day.	Jan. 1881- cone'd.	10 10	1 1	M M	\$2. 20 2. 30	per	day.
cone d.	10	ă	M	2. 20	4.6	64	Cone a.	10	2	M	2.40	6.6	14
	10	3	M	2.40	4.6	4.6		10	2	M	2.50	6.6	4.4
	10	1	M	2. 70 2. 80	44	11		10	I	M	2. 60 2. 80	44	4.6
	10	26	M		11	44	A	10	1	M			
Average	10			1.97	44	11 -	Average	10	24	М	2. 11		
uly 1878	10 10	2 1	M	1.60 1.70	14	**	July 1881	10	1	M	1.70	16	66
	ĩŏ	î î	M	1.80	6.6	4.6	ll l	10 10	1 6	M	1, 90 2, 00	11	- 66
ł	10	1	M	2.00	4.4	6.6	il i	10	6	M M	2. 10	16	16
	10	1 3	M	2.10	64	66		10	4 2	M	2, 20	6.6	4.6
	10 10	3	M	2.20 2.40	44	14	1	10	1	M	2.30	4.6	* *
	10	1	M	2. 70	11	4.6		10	1 2	M	2.40	11	66
	10	ī	M	2,80	1.5	4.6		10 10	$\frac{2}{4}$	M	2.50 2.60	**	46
Average	10	14	M	2. 15		44		10	1	M	2.80	41	4.6
an. 1879	10		м	1.70	44	14	Average	10	23	M	2. 23	"	41
ап. 1010	10	2 3	M	1.90	1.4	44							
	10	1	М	2.00	44	44	Jan. 1882	10	1 1	M	1.60	44	- 14
	10	2	M	2. 20	64	44	il	10 10	1 1	M	1.70 2.00	44	14
}	10	2	M M	2.40	66	64		10	5	M	2.10	4.6	14
	10 10	i	M	2.70	6.6	44	1	liŏ	5 5	M	2.20	6.6	4.6
								10	1 1	M	2.30	4.4	4.4
Average	10	_ 12	M	2. 13	4.1	4.0	H	10	2 3	M	2.40	14	64
_				1 00		66	l	10 10	3 4	M	2.50 2.60	4.6	4.4
uly 1879	10 10	2 2	M	1.60	64	44		10	1	M	3.00	44	4.6
1	10	1	M	1.80	4.6	6.6	1			- 37.2			
	10	1 2	M	1, 90	1.6	**	Average	10	27	M	2. 25	, ,	44
	10	2	M	2.00	11	44		10		35	1.80	66	66
j	10	4	M	2. 20	44	66	July 1882	10 10	1 3	M	2. 10		66
	10 10	1 1	M	2, 50 2, 60	44	44		10	3	M	2. 20	44	6.6
	10			D. 00				10	3 2 3 2	M	2.33	44	6.6
Average	10	14	M	2.004	64	4.4	it .	10	3	M	2.40	44	14
- 1		1			"	44		10	2	M	2.50	44	44
an. 1880	10	2	M	1.60	44		1	10	6 1	M	3 00	14	44
	10	2 2 3 1 1	M	1.70 1.80	44	44		10	!		-0 00	-	
	10 10	3	M	1. 90	4.6	4.6	Average	10	21	M	2.38	<u>.</u> "	6.6
	10	ľ	M	2.00	4.4	44	1					11	
	10	1	M	2.10	44	44	Jan. 1883	10	1	M	1.80 1.90		46
	10	3 2	M	2.20	66	**		10	3	M	2. 10		16
	10 10	2	M	2, 50 2, 60	44	44		10	3	M	2. 20	6.6	44
	10			2. 00				10	5	M	2.30	64	64
Average	10	17	M	2.01	44	64		10	4 2	M	2.40	11	41
uly 1880	10	2	м	1.60	6.6	44	1	10 10	5	M	2.60	44	41
	10 10	3 1 2 4 1 2 1 2 1	M M	1.70 1.80	44	66	Average	10	24	M	2. 32	- "	
	10	2	M	1.90	44	44			_	35	1 00		
	10	4	M	2.00	46	44	July 1883	10	2	M	1. 90 2. 10		
	10	1	M	2. 20	44	44		10 10	9	M	2. 20	44	4.6
	10 10	1 2	M	2.30 2.40	66	16		10	2 2 2 5	M	2, 30	6.6	44
	10	2	M	2. 50	44	4.5	H	10	5	M	2.40	64	64
	10 10	1	M	2.60 2.70	44	46		10	1 5	M	2.50 2.60		
Average		20	м	2. 07		44	Average		19	М	2.34		
an. 1881	10	1	M	1.60	44	44	Jan. 1884	10 10	8	M M	1.90 2.00	. 44	. 41
	10	2	M	1.70 1.80	64			10	2	M	2.10	4.6	
	10 10	1 5	M	1.90	66	64	ii .	1 10	2	M	2. 20	44	
	10	1 2 1 5 5	M	2.00	44	5.44	U	10	3	M	2.30	16	
	10	1. 1	M	2.10	44	44	1	10	5	M	2, 40	•	•

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MACHINISTS-Continued.

Payroll of—	Hours per day.	Different employes.	Sex.	Rate	of	wages.	Payroll of—	Hours per day	Different employés.	Sex.	Rate	of	wages.
Jan. 1884– conc ^r d.	10 10	1 5	M M	\$2.50 2.60	per	day.	Jan. 1887- cone'd.	10 10 10	. 1 1	M M M	\$2. 20 2. 30 2. 40	per	day.
Average	10	22	М	2.30½	**	4.6		10	i	M	2.45	44	4.6
J uly 1884	10 10	2 3	M	1.90 2.10	44	44	Average	, 10	28	M	1. 97	66	44
	10 10	2 3	M	2. 20 2. 30	"	44	July 1887	10 10	1 3	M	1, 50 1, 70	44	**
	10	3 2	M	2.40 2.50	44	66		10	1 3	M	1.75 1.80	44	66
	10	6	M	2.60	"	4.6		10	1 7 1	M	1.90 2.00	11	""
Averáge	10	21	М	2.341	£ £	44		10	1 5	M	2.15 2.20	44	44
Jan. 1885	10 10	2 2	M M	1.70 1.90	la sa	41		10 10	5 1 1	M	2.30 2.40	66	46
ı	10	2 2	M	2.00	66	11		10	ı î	M	2.45	6.6	"
	10	1 5	M	2, 25 2, 35	**	6 6	Average	10	25	M	2.00	"	44
Average		14	M	2. 101	64	11	Jan. 1888	10 10	1 4	<u>М</u> М	1.70 1.80	44	"
July 1885	10	6	м	1.50	44	¢¢		10 10	3	M	1.90 1.95	66	16
<i>b</i> ary 1000	10	1	M	1.70	66	**		10	4	M	2.00 2.20	-66	44
	10	3 1 5	M	1. 90 2. 00	11	66		. 10	4 1	M	2.30 2.45	£ 4 £ 6	66 68
	10	1	M	2. 10 2. 15	- 11	66	Average		22		2.041		**
	10 10	1 1	M	2, 20 2, 25	**	44	July 1888	10	1	м	1.50		66
	10	4	М	2.35	44	**	0 dry 1000	10	1	M M	1.75	4.6	61
Average	10	24	M	1. 92	44	46		10	2 3 1	M	1.90 1.95	4.6	44
Jan. 1886	10 10	6	M	1.50 1.70	**	66		10	5	M	2.00 2.10	66	16 -
	10 10	1 5	M	1.75 1.80	44	46		10 10	5 2 2 1	M	2. 20 2. 25	44	44
	10 10	1 8	M	1.90	"	46		10	5	M M	2, 30 2, 40	41	44
	10 10	1 1	M	2. 10 2. 15	64 64	£ \$ 1 £		10	1	M	2.45	- 44	**
	10 10	1 2	M	2. 25	61	11	Average	10	25	М	2.07	44	45 1
Average		27	M	1. 87	44	44	Jan. 1889	10 10	1 3	M M	1.70 1.75	**	44 .
	10	2	м	1.50	4.6	11		10	1	м	1.90	**	46
July 1886	10	* 2	М	1.60	11	44		10 10	1 9	M	1, 95 2, 00	61	16
	10 10	$\frac{1}{2}$	M	1.65 1.70	44	46		10 10	2 2	M M	2. 10 2. 15	(1	11
	10	3	M	1.89	44	44	İ	10	4	M	2. 20	66	44
	10	2 7	M	1, 90 2, 00	6.6	4.6	-	10 10	6 1	M M	2.30 2.40		16
	10	2	M	2.10	4.4	66		10	i	M	2, 45	4.4	
	10	1 3	M	2. 15 2. 20	64	£ £	Average	10	31	M	2. 09		44
	10	1	M	2, 30	+4	и			ĺ		1		
	10 10	1	M M	2. 40 2. 45	16		July 1889	10 10	8	M	1.90 2.00	61	44
A					44	44	1	10	5 2	M	2.10		44
Average	10	28	M	1.95	**	**		10	6	M M	2. 15 2. 20	11	44
Jan. 1887	10	1	М	1.50	44	1.6		10	4	M	2.30	66	44
	10 10	1	M M	1, 60 1, 65	44	66		10	1 1	M	2.40 2.45	61	44
	10	3	M	1.70		44				!			
	10 10	3	M	1.75 1.80	4.4	11	Average		31	M	2. 12	44	64
	10 10 10	2 7 1	M M M	1, 90 2, 00 2, 15	65	44 44	Jan. 1890	10 10 10	1 1 1	M M M	1.50 1.70 1.75	46	11 66

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MACHINISTS-Concluded.

Payroll of—	Hours per day.	Different employés.		Rate	of	wages.	Payroll of—	Hours per day:	Different employés.	Sex.	Rate	of	wages.
Jan. 1890-	10	1	M	\$1.80	per	day.	Jan. 1891	10	2	м	\$1.75	per	day.
conc'd.	10	3	M	1.90	- 11	44	cone'd.	10.	1	M	1.80	1000	11
	10	10	M	2.00	44	11	1	10		M	1.85	6.6	61
	10	3	M	2.10	**	44	11	10	1	M	1.90	6.6	4.6
	10	3	M	2. 15	11	44		10	5	M	2.00	4.6	EF
	10	3	M	2. 20	**	66		10	9	\mathbf{M}	2.10	4.6	6.6
	10	1	M	2. 25	46	66		10	1	M	2. 15	64	4.4
	10 10	4	M	2.30		14		10	4	M	2. 20	64	4.6
	10	2	M	2.40	44	66		10	1	M	2.25	66	66
	10	1	INL	2.45	•••	**		10	3	M	2.30	14	4.6
A woman	10	34	M	2.071	44	4.6	1	10	4	M	2.40		46
Average	10	94	ML	2.015				10	1	M	2.45	66	66
July 1890	10	2	M	1.50	6.6		1	10	1	IVI	2.50	•••	**
9 my 1000	10	2	M	1.60	44	4.6	Average	10	38	M	2.08	4.6	66
	10	2 1	M	1, 80	4.6	44	Average		96	TAT	2.00		
	îŏ	î	M	1.90	4.6	6.6	July 1891	10	1	M	1.65		8.6
	10	5	M	2.00	6.6	4.6	U dily 1001	10	1	M	1.75	6.6	44
	10	8	M	2. 10	4.6	44	11 .		3	M	1.80	61	1.1
	10	8 2	M	2.15	4.4	4.6		10 10	ĭ	M	1.90	6.6	11
	10	4	M	2, 20	4.4	4.6		10	4	M	2.00	4.6	6.6
	10	2 3	M	[2.25]	14	11	11	10	- 4 8	\mathbf{M}	2.10	6.6	. 11
	10	3	M	2.30	4.4	4.6	1	1,0	1	M	2. 15		4.4
	10	4	M	2.40	6.6	11		10	5	M	2. 20	1.6	4.4
	10	1	M	2.45	6.6	6.6		10	5 2 2	M	2. 25		6.6
	10	1	M	2.50	6.6	11	Į.	10	2	\mathbf{M}	2.30	t t	
								10	4	M	2.40	11	66
A verage	10	36	M	2. 10%		44	il .	10	1	M	2.45	16	"
Tam 1001	10		3.5					10	1	M	2.50	**	ш., 🐞
Jan. 1891	10 10	1 2	M	1.50 1.60	44	"	A	10	0.4	M	0.101		44
	10	2	W	1.60	•••		A verage	10	34	IVI.	2. 121		

MACHINISTS' APPRENTICES.

								1-					
Jan. 1844	10 10 10	1 1 1	M M M		er	day.	July 1847	10 10 10	1 1 1	M M M	. 42 . 58½ . 66½	per	day.
Average	10	3	M	. 511	4.6	6.6	Average	10	3	М	. 55 }	11	64
July 1844	10 10	2 2	M M	. 42 . 62 <u>1</u>	6 8 6 4	**	Jan. 1848	10 10 10	2 1 1	M M M	. 42 . 584 . 664	6 6 6 6	16
Average		4	M		4.6	44	Average	10	4	M	. 521		**
Jan. 1845	10 10 10	2 1 1	M M M	. 42° . 62½	44	44	July 1848	10 10 10	2 1 1	M M M	. 42 . 50 . 58½	11	44 44 64
'Average	10	4	M	. 47	66	44		10	1	<u>M</u>	. 66 1	44	14
July 1845	10 10 10	1 1 1	M M M	. 42	66 66	66	Average Jan. 1849	10 10 10	5 1 2	M M M	. 52 . 42 . 50	66 66	14
, Average	10	3	М	. 441		44	Average	10	3		. 471	44	48
Jan. 1846	10 10	1 2	M M	1 * XY4	"	44	July 1849	10 10	2 2 2	M M	.42	14	"
Average	10	3	M	. 47		44		10	ī	M	. 581	66	**
July 1846	10	3	м	. 50	"	**	Average	10	5	M.	. 481	66	**
Jan. 1847	10 10 10	$\frac{1}{1}$	M M M	.50	44 66 64	44 44 44	Jan. 1850	10 10 10	2 1 1	M M M	. 42 . 50 . 58½	44	16 64 86
Average	10	4	M	. 521	**	**	Average	10	4	M	.48	44	64

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MACHINISTS' APPRENTICES-Continued.

Payroll of—	Hours per day.	Different employés.		Rate	of	wagos	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
July 1850	10 10 10	, 1 1 1	M M M	\$0.42 .50 .58½	66	r day.	Jan. 1857	10 10 10 10	2 1 2 1	M M M	\$0.42 .50 .58½ .66½	pen	day.
Average	10	3	М	. 50		44	Average	10	6	м	. 53	46	64
Jan. 1851	10 10 10	2 1 2	M M M	. 50 . 62½ . 66½	11	46	July 1857	10 10 10	2 1 3	M M M	. 50 . 58½ . 66½	44	66 66
Average	10	5	M	. 59	4.6	4.6	Average	10	6	м	. 594	66	**
July 1851	10 10 10 10	1 2 1 1	M M M M	. 42 . 50 . 58½ . 66½	66	6 6 6 6 6 6 6 8	July 1859	10 10	2 2	M M	. 42 . 661	"	66 46
Average	10	5	м	. 531	4.6	64	Average	10	4	M	. 541	44	44
Jan. 1852	10 10 10	3 2	M	. 42	66	4 t 1 d 4 t	Jan. 1860	10	2 2	M	. 42 . 661	66	11
	10	1 1	M	. 58½ . 66½	"	"	Average	10	4	M	. 54½	44	44
Average	10	7	м	. 50	"	44	July 1860	10	1	M M	. 50 . 75	44	66
July 1852	10 10	2 2	M M	. 42	11	**	Average	10	· 2	М	. 62 1	**	14
49	10	1 2	M	. 58½ . 66½	44	**	July 1861	#0 10	1 4	M M	. 42	46	44
Average	10	7	М	. 53½	14	44	Average	10	5	M	. 481	"	44
Jan. 1854	10 10 10	1 5 6	M M M	.31½ .42 .50	8 6 8 6	66 68	Jan. 1862	10 10	1 5	M M	. 42 . 50	44	14
	10 10	3 2	M M	$.58\frac{1}{2}$	66	46	Average	`10	6	М	481	**	44
Average	10	17	м	. 50	۲,	40	July 1862	10 10	1	M M	. 25 . 42	66	46 46
July 1854	10 10	1	М	. 311		44		10 10	3 1	M	. 58½ . 83	46	46
	10 10 10	8 5 3	M M M	. 50 . 581 . 661	"	44	Average	10	7	M	. 59	46	"
Average	10	17	м	. 54½	44	44	Jan. 1863	10	1	м	. 25	**	66
Jan. 1855	10 10	1	м	. 41	6 6 6 6	"		10 10	1	M	. 33 4 . 42	44	16
	10	1 4	M	. 42	46	11		10 10	1 1	M	. 50 . 58 1	**	44
A	10	2	М	. 58½		44		10 10	1	M	. 66 <u>1</u> . 83	14	14
Average	10	8	M	. 50	*			10	1	M	. 871	44	14
July 1855	10 10 10	1 5 4	M M M	. 41 . 50 . 58½	66	44	Average July 1863	10	8 2	M M	. 55½	44	44
Average	10	10	M	. 521	44	44		10	2	M	. 42	44	44
Jan. 1856	10	3	м	. 42	46	**	Average	10	4	M	, 37 <u>1</u>	**	44
	10 10	3 1	M M	. 50 . 58 1	66	"	Jan. 1864	10 10	3	M M	. 331	66	66
	10	4	М	. 661	44	44		10 10	1 1	M M	. 50 . 624	66 64	46
Average	10	11	M	. 54 1	44	**		10	î	M	. 87	4.6	44
July 1856	10 10 10	3 2 2	M M M	. 42 . 50 . 58½	44	66 66	Average July 1864	10	7	M M	. 49	14	44
	10	5	M	. 661	**	44	2001	10 10	3 2	M	. 42 . 50	**	44
Average	10	12	M	. 561	44	**	U (10	2	M	.581	**	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MACHINISTS' APPRENTICES-Continued.

Payroll of—	Hours per day.	Different employes.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1864- conc'd.	10 10	1	M M	\$0.66 <u>1</u>	per	day.	Jan. 1870 - conc'd.	10 10	1 1	M M	\$0. 80 . 90	per	day.
Average	10	10	M	. 541	4.6	64	Average	10	6	M	. 641	11	**
Jan. 1865	10 10 10	3 2 1	M M M	.50 .58½ .62½	66 66	61 61 61	July 1870	10 10 10 10	1 2 4 1	M M M M	.50 .60 .66½ 1,00	64 66	46
	10 10	1	M M	. 66½ 1. 00	44	**	Average		8	M	. 67	"	14
Average	10	11	M	. 63	14		Jan. 1871	-10	1	М	. 50	11	61
July 1865	10 10 10	4 2 5	M M M	. 50 . 66½ . 75	4 E	67 68		10 10 10 10	1 1 1	M M M M	. 66½ . 70 . 83½ 1. 00	44	66 66
Average	10	11	М	. 642	**	44	Average	10	8	M	.71	44	**
Jan. 1866	10 10 10 10	3 2 4 1	M M M	. 50 . 66½ . 75 . 83½	66 66	66 66	July 1871	10 10 10 10	6 2 · 1 2	M M M M	.50 .66½ .80 .83½	44	4 6 4 6 4 6
Average	<u> </u>	10	M	. 663	16	44	Average	10	11	M	. 62	**	4.4
July 1866	10 10 10 10 10	1 3 1	M M M M	.50 .58½ .66½ .75	11	66 66 66	Jan. 1872	10 10 10 10 10 10	11 1 1 1 1 1	M M M M M	.50 .60 .66½ .80 .83½ 1.00	66 46 66 66	44 44 66 64
Average	10	7	M	. 66½		4.1	Average	10	16	М	. 58	11	**
Jan. 1867	10 10 10	2 5 1	M M M	. 66½ . 83½ 1. 00		44 44	July 1872	10 10 10	3 4 2 1	M M M	50 .661 .70 .80	44	66 66 66 66
Average		8	M	. 811		44		10	12	M	. 83 6		44
July 1867	10 10 10	7 1	M M M	. 83 <u>1</u> 1. 00 1. 12½	64	5 6 2 4	Jan. 1873	1	3 3	M	.50 .66½	es 44	44
Average	10	9	М	. 991	"	4.4		10 10	3	M M	. 70	, 44	44
Jan. 1868	10 10	1 1	M M M	.50 .87½ 1.00	4.6	66 66		10	1 3	M	1.00	· "	**
	10	1	M	1. 121		14	Average July 1873		7	м	.50	44	44
Average July 1868		2 1 1 1 1	M M M M	. 871 . 50 . 871 1. 00 1. 121	"	"	July 1010	10 10 10 10 10	2 3 2 1 3	M M M M	. 664 . 70 . 834 . 85 1. 00		66 66
Averag		5	М	. 80		44	Average	e 10	18	M	. 69		44
Jan. 1869	10 10 10	1 11	M M M	. 60 . 70 . 873	44		Jan. 1874	10 10 10	5 2 1 11	M M M M	.50 .60 .70 .80	44 44	46 46 66
Averag	e 10	3	M	. 72	. "	44		10	2	M	1.00	- 44	44
July 1869	10 10 10	3 1 1	M M M	. 50 . 60 . 70	6 6 6 6		Average July 1874		21 4 1	MM	. 60	E 44 44	44
Averag	e 10	5	M	. 56				10	8	M M	1.00	. 44	66
Jan. 1870	10 10	3 1	M	. 50 . 66	"	44	Average		-	м	.78	••	14

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MACHINISTS' APPRENTICES—Continued.

Payroll of	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of -	Hours per day.	Different employés.	Sex.	Rate	of v	wages,
Jan. 1875	10 10 10	8 3	M M M	\$0.80° 1.00 1.20	per	day.	Jan. 1881- cone'd.	10 10	1 3	M M	\$0. 80 1. 00	"	day.
Average	10	7	M	. 94 <u>1</u>	44	44	Average	10	11	M	. 671		* 6
J uly 1875	10	3	м	. 80	44	44	July 1881	10 10	4 2	M	. 50	44	44
Oury 1010	10 10	3	M M	1.00	66	46		10 10	2 2	M M	. 80 1. 00	11	11
Average	10	7	м	. 94½	4.4	**	Average	10	10	М	. 68	44	44
Jan. 1876	10 10	3 2	M M	. 80 1. 00		"	Jan. 1882	10 10	11 4	M	. 50 . 60	44	"
Average	10	5	м	.88		44	Average	10	15	М	.521	£ t	41
11 torage	1		м	100 -			July 1882	10	5	M	. 50	41	a
July 1876	10 10	2 3	M	. 50 1. 00	44	11		10 10	9	М	. 60	44	44
Average	10	ā	м	. 80	4.6	44	Average	10	15	М	. 58	4.6	44
Jan. 1877	10	7	М	. 50	41	44	Jan. 1883	10 10	3 11	M	. 50	44	**
	10	3	<u>M</u>	1.00	**	66		10	3	М	. 80	14	**
Average	10	10	M	. 65	"	64	Average	10	17	М	. 62	"	44
July 1877	10 10 10	4 2 1	M M M	. 50 . 60 . 70	11	11 11	July 1883	10 10 10	3 6 9	M M M	. 50 . 60 . 80	66	81 64
Average	10	7	м	. 55½	44	**	Average	10	18	M	. 681	6.6	**
Jan. 1878	10	3	M	. 50	46		Jan. 1884	10 10	3 4	М	. 50	**	"
Oun. 1010	10 10	7	M M	. 60	4.6	44		10 10 10	10	<u>М</u> М	. 60 . 80 1.00	46	11
Average	10	11	м	. 58	**	**	Average	10	18	M	. 71½	66	64
July 1878	10	1	M	. 50	44	41	July 1884	10	4	м	. 50	44	**
	10 10	5 5	M M	. 60 . 80	44	64		10 10	5 4	M	. 60 . 80	44	44
Average	10	11	М.	. 68	4.6	14		10	8	М	1.00	**	"
Jan. 1879	10	1	м	. 50	66	44	Average	10	21	М	. 77		
	10 10	1 3	M M	. 60 . 80	46	11	Jan. 1885	10 10	4 3	M	. 50 . 60	-1	41
Average	10	5	M	. 70	**	"		10 10	4 9	M	. 80 . 90	44	- 66
July 1879	10	1	м	. 50	44	64	Average	10	20	M	. 75 5	**	44
	10 10	3 2	M	. 60 . 80	44	44	July 1885	10	3	м	. 50	44	
	10	4	M	1.00	41	**		10 10	5 4	М	. 60 . 8J	**	64
Average	10	10	M	. 79	4.4	66		îŏ	4	M	. 90	44	**
Jan. 1880	10 10	1 1	M M	. 50 . 60	6 E	6.6	Average	10	16	M	. 70½		**
	10 10	5	M	. 80 1. 00	66	14	Jan. 1886	10	σ	М	. 50	44	44
Average	10	11	M		44	44		10	3	M	. 60	16	46
July 1880	10	2	M	. 841	16			10	5	M	. 90		"
- may 1000	10 10	3 3	M M	. 60 . 80 1. 00	46	44	Average	10	18	M	. 681	66	"
Average	10	8	M		44	44	July 1886	10	10	M M	. 50 . 60	14	44
Jan. 1881	10	6	.	. 82 <u>1</u>	-			10 10	5 1	M	. 80 . 90	41	**
- am 1001	10	1	M	. 50 . 6 0	**	44	Average	10	19	M	. 611	64	66

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MACHINISTS' APPRENTICES-Concluded.

Payroll of—	Hours per day.	Different employés.		Rate	of v	vagea.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1887	10	8	M	\$0.50	per	day.	July 1889	10	4	м	\$0.50	per	day.
	10	6	M	, 60		44"	'	10	4	M	. 60	144	"
	10	3	M	.80	11	14		10	1	M	. 70	5.6	* 64
	10	3	M	. 90	**	• • • • • • • • • • • • • • • • • • • •		10	3	M	. 80	66	66
A	10	20	M	. 631		44		10	4	M	. 90	•••	
Average	10	20	D.L.	. 008			Average	10	16	M	. 693	4.6	4.4
July 1887	10	2	M	. 50	44	6.6	Avelage	10	10	14.5	. 03 2		
oury root	10	8	M	.60	4.4	14	Jan. 1890	10	3	M	. 50	4.6	4.6
	10	4	M	. 80	4.6	6.6	1	10	i i	M	. 60	6.6	14
	10	3	M.	. 90	14	1.6]	10	4	M	. 80	4.6	6.6
								10	6	M	. 90	14	1.5
Average	10	17	M	. 69	ft	4.6	11		<u> </u>				
			3.5				Average	10	17	M	. 731	1.6	
Jan. 1888	10	3	M	. 50			T 1 1000			3.5	PA.	6.6	6.6
	10	6	M	. 60	44	66	July 1890	10	6	M	. 50	66	"
	10	5 3	M	. 80		44	11	10 10	4 3	M	. 80	6.6	
	10	3	'AT	. 90			li	10	3	M	.90	1.6	44
Average	10	17	M	. 691	- 61	44		10		TAY	. 50		
Average	10	1 1	IVA	. 055			Average	10	16	M	. 651		44
July 1888	10	4	M	. 50	6.4	4.6		10			1000		
omy root	10	3	M	.60	14	6.6	Jan. 1891	10	6	M	.50		6.6
	10	5	M	. 80	4.4	6.6		10	3	M	. 60	6.6	6.6
-	10	2	M	. 90	1.6	6.6		10	3	M	. 80	1.4	6.6
			·	ļ				10	2	M	. 90	1.4	44
Average	10	14	M	. 681	- 66	44				3.5	\- 		44
							Average	1.0	14	М.	. 641	1.6	**
Jan. 1889	10	4	M	. 50	**	66	T-1- 1001	10	2	м	. 50	4.6	44
	10	3	M	. 60		4.6	July 1891	10	6	M	.60	5.6	11
	10 10	1 7	M	. 80	64	44	li .	10	4	M	.80	4.6	6.6
	10	3	M	. 80		44		10	2	M	.90	6.6	4.4
	10		100	. 50				10					
Average	10	- 18	M	. 71	4.6	44	Average	10	14	M	. 683	11	4.6

MACHINISTS' HELPERS.

Jan. 1843 July 1843	10 10	1	M M	. 75 . 75	per	day.	Jan. 1850- cone'd.	10 10	1 5	M M	$.62\frac{1}{2}$ $.75$	per	day.
Jan. 1844	10 10	$\frac{1}{2}$	M M	. 62½ . 87½	6 6 6 6	44	Average		7	M	. 71	41	44
Average	10	3	M	. 79	66	4.6	July 1850	10 10 10	1 1 1	M M M	. 58½ . 62½ . 66½	66	££
July 1844	10	1 1	M M	. 75 . 871	64	"		10 10	1 1	M M	. 75 1. 00		46
Average	10	2	M	.811	4.6	45	Average	10	8	М	. 73½	11	"
Jan. 1845	10	2	м	.75	44	44	Jan. 1851	10 10	1 3	M M	. 66½ . 75	44	44
July 1845	10	3	M M	.75		**	Average	10	4	М	. 73	44	**
Jan. 1846	10	1	M	1.00	2.5	44	July 1851	10 10	1 2	M M	. 66½ . 75	11	"
Average	10	2	M	. 87½	16	44		10	1	M	. 87½	14	44
Jan. 1847 July 1847	10 10	1	M	.75 .75	44	44	Average	1	4	M	.76		44
Jan. 1848 July 1848	10 10 10	1 2 5 6	M M M	. 75 . 75 . 75	64 64	44 44	Jan. 1852	10 10	3	M	. 873	**	и
Jan. 1849 July 1849	10	1	M	. 621		44	Average	10	5	M	. 823		44
0 413 1045	10	6	М.	. 75	44		July 1852	10	3	M	.75 .87½	64	16
Average		7	М	.73	64	"	Awaraga	10	7	M	1.00	44	44
Jan. 1850	10	1	M	.583	•••		A.verage	, 10		141	1 ,09		

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK-Continued.

MACHINISTS' HELPERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of	Hours per . day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1854	10 10 10 10	2 1 2 2	M M M	\$0.75 .87 1.00 1.12}	per	day.	July 1860	10 10 10	1 2 1	M M M	\$0.75 1.00 1.12½	per	day.
A verage	-10	7	M	. 941	4.6	44	Average	10	. 4	M	. 97	**	6.6
July 1854	10 10 10 10	2 1 2 2	M M M M	. 75 . 87½ 1. 00	66 66	11 11 11	July 1866 Jan. 1867 July 1867	10 10 10	1 2 1	M M M	1.00 1.00 1.25	44	66 66
Average	10	7	M	$1.12\frac{1}{2}$ $.94\frac{1}{2}$	11	11	Jan. 1868	10 10	1 1	M M	1.15 1.25		44
Jan. 1855	10 10	1 2	M M	. 75	**	* 41 61	Average	1Q	2	м	1. 20	44	**
1	10 10 10	1 1	M M M M	1.00 1.12½ 1.25	11	66	July 1868	10 10	1	M M	1. 15 1. 25	44	14
Average	10	6		. 98	44	14	Average	10	2 1	М	1. 20	4.6	44
July 1855	10	2	М	.87	11	44	Jan. 1869	10 10	1 1	$_{\mathbf{M}}^{\mathbf{M}}$	1.15 1.25	"	66
	10 10 10	1 3 1	M M M	1.00 $1.12\frac{1}{2}$ 1.25	44	14	Average	10	2	M	1. 20	**	44
Average	10	7	M	1.051	11	46	July 1869	10 10 10	1 1 1	M M M	. 90 1. 20 1. 25	64	66 66
Jan. 1856	10 10 10	$\begin{array}{c} 1\\2\\1,\end{array}$	M M M	. 80 . 87½ 1. 00	£ \$ £ £	"	Average	10	1 4	M	1. 161	**	"
	10 10	2' 1	M	$1.12\frac{1}{2}$ 1.25	4.5	"	Jan. 1870	10 10	1	M M	. 90	"	44
Average	10	7	M	1.002	4.4	"		10	1	M	1. 20 1. 30	11	**
July 1856	10 10 10 10	1 2 2 2	M M M M	. 80 . 83½ . 87½ 1. 12½	64	6 6 6 6 6 6	Average July 1870	10 10 10	1 1	M M M	1. 15 1. 10 1. 20	44	**
Average	10	<u>1</u>	M	1. 25	64	44	A	10	1	M	1.30	44	**
Jan. 1857	10 10	1 1	M	.83½ 1.00	"	44	Average Jan. 1871 Jan. 1872	10: 10: 10	3 1 1	M M	1. 20 1. 30 1. 10	"	"
	10 10	$\frac{2}{1}$	M M	$1.12\frac{1}{2}$ 1.25	44	14	Jan. 1873	10	1	M	1.50	44	"
Average	10	5	м	1.061	"	44	July 1874	10, 10,	1	M M	1. 00 1. 20	* *	"
July 1857	10 10	1 1	M M	. 83½ 1. 00	66	11	Average	10	3	М	$1.06\frac{1}{2}$	4+	44
	10 10	$\frac{2}{1}$	M M	$1.12\frac{1}{2}$ 1.25	44	44	July 1875	10	1	М	1. 20	16	46
Average	10	5	м	1.06½	**	**	July 1876	10 10 10	1 1 3	M M M	1.00 1.20 1.50	66	46
Jan. 1858	10	1	M	1.00	16		Average	10		м	1.34	4.1	**
July 1859	10 10 10 10	3 2 1 1	M M M	.75 .87½ 1.10 1.12½	6 6 6 6 6 6	66 61 64	Jan. 1877	10 ¹ 10	1 3	M M	1.40 1.50	**	46 61
Average	10	7		. 89	11	66	Average	10	4	М	1.471	44	44
Jan. 1860	10	2	м	. 75		14	July 1877	10. 10	2 3	M M	1.40 1.50	44	66
	10 10 10	4 2 1	M M M	. 87½ 1. 00 1. 12¼	66	11 11	Average	10)	5	М	1.46	**	**
Average	10	9	M	. 901	44	14	Jan. 1878 July 1878	10 10	4 2	M	1.50 1.50	5.6 5.6	40

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MACHINISTS' HELPERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day	Different employés:	Sex.	Rate	of w	ages.
Jan. 1879 -	10 10	1 1	M M	\$1.30 1.50	per	day,	Jan. 1886	10 10	1 1	M M	\$1.00 1.50	per	day.
Average	10	2	M	1.40	64	**	Average	10	2	M	1. 25	4.4	44
July 1879	10 10 10	1 1 1	M M M	1. 20 1. 30 1. 50	44	44	July 1886	10 10	1	M M	1.00 1.15	46	**
Average	10	3	M	1. 331	44	44	Average	10	2	M	1.071	64	44
Jan. 1880	10 10 10	$\begin{array}{c} 1 \\ 1 \\ 2 \end{array}$	M M M	1.00 1.20 1.30	11	11 41 44	Jan. 1887	10 10	1 1	M M	1. 15 1. 35	"	44
	10	ĩ	M	1.50	44	44	Average	10	2	M	1. 25	44	**
Average	10	5	M	1.26	46	"	July 1887	10 10	1 1	M M	1.20 1.35	44	64
July 1880	10 10	1	M	1.30 1.40	"	64	Average	10	2	M	1. 271	44	
A verage	10	2	M	1.35	44	44	Jan. 1888	10	1	м	1. 30	"	44
Jan. 1881	10 10	1 2	M M	1. 20 1. 30	44	44	July 1888	10 10	1 1	M M	1. 25 1. 50	44	**
Average	10	3	M	1.261	**	44	Average	10	2	 M	1. 371	44	44
July 1881	10 10 10	1 1 1	M M M	1.30 1.40 1.50	44	44	Jan. 1889	10 10	1 1	M M	1. 25 1. 50	44 -	44
Average	10	3	M	1.40	44	44	Average	10	2		1. 371	64	64
Jan. 1882	`10 10 10	1 1 1	M M M	1.30 1.40 1.50	66 66	66 66	July 1889	10 10	1 1	M M	1.10 1.35	66 68	44 46 46
Average	10	3	M	1.40	14	44		10	1	M	1, 50	44	44
July 1882	10 10 10	1 1 1	M M M	1.30 1.40 1.50	4.6 6.6	44	Average Jan. 1890	10 10 10	3 1 2	M M M	1.31½ 1.20 1.50	"	14
Average		3	M	1.40	4.4	14	Average	10	3	M	1,40		**
Jan. 1883	10 10	1	M	1.40 1.50	46	44 44 ,	July 1890	10 10	2 1	M M	1. 25 1. 50	44	**
Average	10	2	M	1.45	64	**	Average	10	3	M	1. 331	4.6	46
July 1883 Jan. 1884	10 10	1	M	1.50 1.50	44	44	Jan. 1891	10 10 10	1 1 2	M M M	1.00 1.30 1.35	44 44	6 E
July 1884	10 10	1 1	M	1.30 1.50	44	"	Average	10	1 5	M	1. 50	**	**
Average	10	2	М	1.40	ę i	44	July 1891	10	1	м	1. 20	4.6	44
Jan. 1885	10	2	М	1.35	66	44	5 tily 1651	10 10	1 2	M	1.30 1.35	14	# 1
July 1885	10 10	1 1	M M	1.35 1.50	6.6	44		10 10	1	M M	1. 50 1. 60	4.6	44
Average	10	2	M	1. 421	44	4.6	Average	10	6	М	1.381	16	44

Jan. 1843	10 10 10	1 1 1	M M M	.87½ 1. 25 1. 33	per	day.	July 1843	10 10 10	1 1 1	M M M	1. 00 1. 25 1. 33	per da	
Average	10	3	М	1.15	44	44	A.verage	10	3	M	1. 19	66 60	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1844	10 10	1 3	M M	\$1.00 1.25	per	**	July 1850	10 10 10	2 4 3	M M M	\$1.00 1.25 1.37½	per "	day.
Average	10	4	M	1.181		4.4	Average	10	9	M	1. 231	4.4	44
July 1844	10 10 10	1 5 1	<u>М</u> М М	$ \begin{array}{c c} 1.00 \\ 1.25 \\ 1.37\frac{1}{2} \end{array} $	14	**	Jan. 1851	10 10	2 5	M M	1, 00 1, 25	**	11
\mathbf{A} verage	10	7	M	1. 23	4.6	66		10 10	2 1	M M	1.37½ 1.50	++	64
Jan. 1845	10 10 10 10	1 1 5 1	M M M M	1.00 1.12½ 1.25 1.37½	66 66 66	64 64 68	Average	10	11	M	1. 62½ 1. 28½	**	
Average			м	1. 22	44	66	July 1851	10 10	1 2	M M	1.00 1.25	**	**
July 1845	10 10 10	2 6 2	M M M	1. 12½ 1. 25 1. 50	46	41 44		10 10 10	2 2 1	M M M	1. 37½ 1. 50 1. 62½	16	44 44
Average	10	10	M	1. 27	61	44	Average	10	8	M	1.36	4.6	**
Jan. 1846	10 10 10	1 4 2	M M M	1. 00 1. 25 1. 50	44	44 44 64	Jan. 1852	10 10 10 10	1 1 5 2	M M M M	1.00 1.12½ 1.25 1.37½	66 66 64 84	16 16 15
Average	10	7	M-	1.281	44	44		10 10	4 1	M	1.50 1.62½	+4	14
July 1846	10 10 10	1 4 2	M M M	1.00 1.25 1.50	44 44	44	Average	10	14	М	1.34	"	"
Average	10	7		1.281	44	66	July 1852	10 10	1 1	M M	1, 00 1, 12½	44	44
Jan. 1847	10 10 10	1 2 1	M M M	1. 00 1. 25 1. 37	16 11 11	4 6 4 6		10 10 10 10	4 3 4 2	M M M	1. 25 1. 37½ 1. 50 1. 62½	11	16
Average	10	4	М	1. 211	6.6	**	Average	10	15	M	1.361	44	**
July 1847	10 10 10	1 2 3	М М М	1.00 1.25 1.37½	1.6 4.6	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Jan. 1854	10 10 10	1 1 5	M M	1.00 1.12½ 1.25	66 66 66	64 66 66
Average	10	6	М	1. 27	44	44		10 10	6 2	M M	1. 50 1. 75	64	44
Jan. 1848	10 10 10	4 3 1	M M M	1. 25 1. 37½ 1. 50	44	44	Average July 1854	10 10	15 1	M M	1.39 1.121		11
Average	10	8	М	1.33	44	44		10 10	5 2 5	M	1. 25 1. 37½	44	46 1
July 1848	10 10 10	. 3 4 1	M M M	1. 25 1. 37½ 1. 50	44 64	64 66		10 10 10	5 2 9	M M M	1. 50 1. 62 1. 75	66	61
Average	10	8	м	1. 341	44	44	Average	10	17	M.	$1.43\frac{1}{2}$	11	44
Jan. 1849	10 10 10	4 4 1	M M M	1. 25 1. 37½ 1. 50	64 64	66	Jan. 1855	10 10 10 10	2 5 2 7	M M M M	1. 12½ 1. 25 1. 37½ 1. 50	66 66 64	44 44 44
Average	10	9	M	1.831	**	46		10	3	М	1.75	4.6	44
July 1849	10 10	4 4	M M	1. 25 1. 37½	11	11	Average July 1855	10	19	M M	1. 42 1. 12½	"	44
Average	10	8	М	1.311	41	.44		10 10	6 2	M M	1. 25 1. 37½	44	46
Jan. 1850	10 10	3 2	M M	1.25 1.371	66	"		10 10 10	8 1 3	M M M	1.50 1.621 1.75	66	16 86
Average	10	5	M	1.30	4.6	14	Average	10	22	M	1.421	46	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wage
Jan. 1856	10 10 10	1 5 3	M M M	\$1. 12½ per day. 1. 25 " " 1. 37½ " "	July 1861- conc'd.	10 10	2 3	M M	\$1.62 <u>1</u> 1.75	per day.
	10 10	3 2	M. M	1.50 " " "	Average	10	11	М	1.531	11 41
	10 10	1	M	1. 75 " " " " " "	Jan. 1862	10	1	M	1. 12½ 1. 25	14 44
Average	10	19	М	1.481 " "		10 10 10	4 2 3	M M M	1.50 1.621 1.75	14 14
uly 1856	10 10	3 1	M M	1. 25 " " 1. 37½ " "	Average	10	11	М	1. 531	41 46
	10 10 10 10	6 2 3 2	M M M M	1.50 " " " 1.62½ " " " 1.75 " " " 2.00 " " "	July 1862	10 10 10	4 2 3	M M M	1. 25 1. 37½ 1. 50	66 66 66 64
Average	-	17	М	1.56½ " "		10 10 10	4 2 1	M M M	1. 62½ 1. 75 2. 00	
Jan. 1857	10 10 10	2 5 1	M M M	1. 25 " " 1. 1. 50 " " 1. 62½ " "	Average	10	16	м	1. 51½	11 11
	10 10	Î	M	1.75	Jan. 1863	10 10 10	2 3 2	M M M	1, 25 1, 37½ 1, 50	18 68
Average		12	M	1.57½ " "		10 10 10	3 2 1	M M M	$ \begin{array}{c c} 1.62\frac{1}{2} \\ 1.75 \\ 2.00 \end{array} $	41 46 44 44
July 1857	10	1 2 3	M M	1. 50 " " 1. 62½ " "	Average		13	M	1. 54	14 46
	10 10	3	M	2.00 " "	July 1863	10 10	7	M	1. 25 1. 37½	44 44
Average Jan. 1858		10	M	1.00 "		10, 10	5 3	M M	1. 50 1. 62½ 1. 75	46 66 46 46
e * - *	10 10 10	2	M M M	1. 50 " " " 1. 62½ " " 1. 75 " "		10	1 1	M	2,00	11 14
, A	10		M	1.54 " "	Jan. 1864	,	23	M	1, 60 1, 25	21 41
_Average July 1858		1	M M M	1.00 " " 1.50 " " 1.62½ " "		10 10 10 10		M M M M	1. 37½ 1. 50 1. 62½ 1. 75	14 44 14 44 14 44 14 44
	10 10	2		2.00 " "		10 10 10	1	M M M	$ \begin{array}{c c} 1.87\frac{1}{2} \\ 2.00 \\ 2.12\frac{1}{3} \end{array} $	64 65
Averag	e 10	8	M			10	_	- M	2. 25	
July 1859	10 10 10 10		M	1. 25 " " " 1. 37½ " "	Averag	10	7 12	M M M	1. 62 1. 37½ 1. 50 1. 62¾	11 11
Averag	e 10) E	M	1.28 " "		10 10 10	3	M NI	1. 75	41 14
Jan. 1860	10 10 10 10		M	1. 25 " " " 1. 37½ " "		10 10 10	$egin{array}{c c} 2 \\ 3 \\ 1 \\ 3 \\ 3 \\ \end{array}$	M M M M	2. 00 2. 25 2. 37 2. 50	11 11
Averag	e 10) 8	M	1.311 " "	Averag	re 10			_	· " "
July 1866	10		M	1.50 " " " 1.62½ " "	Jan. 186	5 10	9 9	M M M	1. 50 1. 62 1. 75	
A Trans	e 10		_			10	3 3	M	2.00	ž
Averag			L - M	1. 12½ " " 1. 25 " "		10	1 3	M	2 25 2.37	2 16 46 1 11 1

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1865- cone'd.	10 10 10	1 3 2	M M M	\$2. 62½ per day. 2. 75 "" 2. 87½ ""	July 1867- conc'd.	10 10	2	M M	\$3. 20 per day. 3. 332 "
Average	10	41		1.963 " "	Average	10	34	M	1.99 " "
_					Jan. 1868	10	9	М	1.50 " "
July 1865	10 10	10	M M	1,621 " "		10 10	3 1	M M	1,621 " "
	10 10	5 1	M	1.75 " " " 1.87½ " "		10 10	2	M	1.65 " " "
	10 10	I	M	2. 00 " " " 2. 12½ " "		10 10	1 4	M	2.00 " "
	10	3	M	2. 25 " "		10	1 5 1	M	2.50 " "
i	10 10	2	M	2.50 " "		10 10	1	M	3. 20 44 44
	10 10	3 1	M M	2. 621 " " " 2. 75 " "		10	1	М	3.331 " "
Average	10	29	M	1.93 " "	Average	10	29	M	1.93 " "
Jan. 1866	10	1	м	1.371 " "	July 1868	10 10	5 1	M M	1.50 " " "
Jan. 1600	10	7	M	1.50 " "		10	2	M	1.621 " "
	10 10	8 4	M M	1.75 " "		10 10	4 2 2	M	1.75 " " 1.80 " "
	10 10	1	M	1.871 " " 11		10 10	3	M	2. 50 " "
	10	2 2 2	M	2. 25 " "		10	1	M	3.00 " "
	10 10	4	M	2.50 " "		10 10	1	M M	3. 20 11 14 3. 331 11 16
	10 10	2 1	M	2.75 " " 2.87½ " "	Average	10	22	M	2.00 " "
	10	Ī	M	3.00 " "	Jan. 1869	10	3	м	1.50 " "
A veraĝe	10	35	М	1.951 " "	эмц. 1609	10 10	2	M M	1.60 " "
July 1866	10	4	M	1.50 " "		10	4 1 5	M	1.70 " "
	10 10	7 5	M	1.75 " "		10 10	5	M M	1.75 " " " 1.80 " "
	10 10	1 1	M	1.87½ " " 2.12½ " "		10 10	1 1 3	M	2. 00 44 44
	10	1	M	2. 25 " "		10	1	\mathbf{M}	2.50 " "
	10 10	$\frac{1}{2}$	M M	2.50 " "		10 10	1	M M	2.75 " "
	10 10	$\frac{1}{2}$	M M	2.75 " " " 3.00 " " "		10 10	1	M	3, 00 " " "
	10	1	<u>M</u>	3. 331 " "		10	i	M	3. 331 " "
Average	10	26	M	1.99½ " "	Average	10	26	M	2.021 " "
Jan. 1867	10 10	4 7	M M	1.50 """	July 1869	10	4	M	1.50 44 44
	10	4	M	1.75 " "		10 10	1	M	1.624 " "
	10 10	2	M	1. 871 " " 2. 121 " "		10 10	1	M M	1. 65 " " 1. 70 " "
	10 10	1	M M	2. 50 " " " " " "	ļ	10	5	M	1.75 " "
	10	1	M	2. 87		10 10	1	M	2.00 " "
}	10 10	$\begin{array}{c c}2\\1\end{array}$	M M	3. 30 " " "		10 10	2	M	2. 25 44 44
A.veraĝe	10	24	M	1.984 " "		10 10	1 1 5 1 1 2 1 1 2 2 2	M	2.621 " " " 2.70" " 44
July 1867	10	10	м	1.50 " "		10 10	2 1	M M	2.75 " " 2.90 " "
	10 10	1	M M	1.60 " " 1.621 " "		10	1	M	3.00 ** **
	10	1	M	1.70 "		10 10	1	M	3. 331 " "
	10 10	5 2	M	1.75 " " 1.871 " "	Average	10	29	M	2.111
	10 10	1 1	M M	2. 121 " " " 2. 30 " "					2. 119
	10	1 2	M	2.50 " "	Jan. 1870	10 10	5 2	M M	1.60 ** **
	10 10	1	M	2. 624 " "	ļ	10 10	2 2 1	M	1.65 " "
1	10	1 1	M M	2.87½ · · · · · · · · · · · · · · · · · · ·	-	10	î	M	1.77

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

Payroll of—	Bours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1870- cone'd.	10 10 10 10 10 10 10	2 3 1 1 1 1 1	M M M M M M	\$2. 10 per day. 2. 40 " " 2. 50 " " 2. 70 " " 2. 80 " " 3. 00 " " 3. 33 " "	July 1872– conc'd.	10 10 10 10 10 10 10 10	2 1 3 2 3 1 1	M M M M M M	\$1. 65 per day. 1. 70 " " 1. 75 " " 1. 80 " " 2. 00 " " 2. 25 " "
	<u> </u>			\		10	, 2	M	2.70 " " " " " " " " " " " " " " " " " " "
Average	10	22	М	2.00%		10 10	1	M.	2.90 ** **
July 1870	10 10	1 1	M	1.50 " "		10	3	M	3.00 " "
	10	4	M	1.70 ""		-	24	M	2. 251 " "
	10 10	2	M	1.80 " "	Average	1 .			1 -
	10 10	1 2	M	2.00 " " "	Jan. 1873	10 10	1 1	M	1.624 " "
**	10	1	M	2. 25 " "		10 10	4	M	1.65" " "
	10 10	1 2	M	2.50 " "		10	4	M	1.75 " "
	10	1	M	2. 55 " " "		10	1 3	M	1.85 " "
	10 10	1 1	M	2. 80 11 11		10	1	M	2, 10 " "
	10	2	M	3.00 " " 3.33½ " "		10 10-	1 3	M	2. 20
	10			- '		10	1	M	2. 50 " "
Average	e 10	25	M	2. 15		10	1 4	M	2.75 " "
J an. 1871	10 10	1	M M	1. 65 " "	Average		26	M	2.101 " "
	10 10		M	1.70 14 11	July 1873	10	4	M	1. 65 " "
	10	3	M	1. 80		10 10	2	M	1.75 " " "
	10 10	2	M	2.10 " "	l	10	2	M	2.00 " "
	10	2	M	2.50 "	li .	10	3 1	M	2. 25
	10 10		M	2.75 " "	l.	10	3	M	2, 50 " "
2	10	1	M	2.80 " "		10	2		2.75 " " "
`.	10	2	_!	5.00	1	10		M	3.70 " "
Averag	1		1		Averag	е 10	30	M	2. 20 "
July 1871	1 10 10 10 10 10 10 10 10 10	2 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2	M M M M M M M M	1.65 " " " 1.70 " " " 1.75 " " " " 1.80 " " " " 1.80 " " " " 1.20 " " " " 1.20 " " " " 1.20 " " " " 1.20 " " " " 1.20 " " " " 1.20 " " " " 1.20 " " " " 1.20 " " " " 1.20 " " " " 1.20 " " " " " 1.20 " " " " 1.20 " " " " " 1.20 " " " " " 1.20 " " " " " 1.20 " " " " " " 1.20 " " " " " " 1.20 " " " " " " 1.20 " " " " " " 1.20 " " " " " " 1.20 " " " " " " 1.20 " " " " " " 1.20 " " " " " " 1.20 " " " " " " 1.20 " " " " " " 1.20 " " " " " 1.20 " " " " " 1.20 " " " " " 1.20 " " " " 1.20 " " " " 1.20 " " " " 1.20 " " " " 1.20 " " " " 1.20 " " " " 1.20 " " " " 1.20 " " " " 1.20 " " " " 1.20 " " " 1.20 " " " " 1.20 " " " 1.20 " " " 1.20 " " " 1.20 " " " 1.20 " " " 1.20 " 1.20 " 1.20 " " 1.20 " 1.20 " " 1.20 " " 1.20 " " 1.20 " " 1.20 " " 1.20 " " 1.20 " " 1.20 " 1.20 " " 1.20 " " 1.20 " " 1.20 " " 1.20 " " 1.20 " " 1.20 " " 1.20 " " 1.20 " 1.20 " " 1.20 " " 1.20	Jan. 187	10 10 10 10 10 10 10 10 10	1 1 1 1 2 2 1 3	M M M M M M	1.50 " " " 1.60 " " " 1.70 " " " 1.20 " " " 1.20 " " " 1.20 " 1.20 " 1.20 " " 1.20 " 1.20 " " 1.20 " " 1.20 " " 1.20 " " 1.20 " " 1.20 " " 1.20 " " 1.20 " 1.20 " " 1.20 " " 1.20
	10) 1	. M	2.80 " "	Averag	e 10	22	M	1.981 " "
	10		М		July 187		1		1.50 " "
Averag	e 10	20	M	2. 101 " "	J 0425 101	10	11	M	1.60 " "
	'					10) 1	M	2.00 "
Jan. 187				1.65 " "		10) 1	M	2. 20 " "
	10	0 1		1.75 " "	1	10)	M	2.80 " "
	10	0 1	M M	2.00 " "		10	1	M	5, 40
	10	0 1	L M	2. 10 " "	Averag	ge 10	27	7 M	2.071 " "
•	10	0 1	L M L M	2.80 " "	Jan. 187		10	M	1.60 " "
	10	0 1	L M	2.90	"an. 10"	10)	3 M.	1.70 "
	10	0 5		L . 9.00		10			2. 20 " "
	-		_ _			10)	M	2.50 "
Averag	ge 1	0 15		L 2. 28½		10		M M	2. 80
July 187	2 1		L M M	[1.50 " " " [1.60 " " "	Averag	ge 10	2	M	2.06

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

					_							_	
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	e of	wages.	Payroli of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
July 1875	10 10 10 10 10 10 10 10 10	5 4 1 1 2 6 3	M M M M M M M M	\$1.50 1.60 1.70 1.90 2.00 2.20 2.30 2.50 2.80	De:		Jan. 1878- cone'd.	10 10 10 10 10 10 10 10	. 1 2 1 1 1 2 1 1	M M M M M M M	\$1.70 1.80 2.00 2.10 2.20 2.30 2.33 2.40 2.60	66 64 64 64 64	day.
Average	10	26	M	2. 12			Average	10	10	M	3. 20 2. 084	66	"
Jan. 1876	10	5	М	1.50	4.6	44	July 1878	10	3	M	1. 50	44	"
	10 10 10 10 10 10 10 10 10	2 1 1 1 1 3 1 3	M M M M M M M M	1. 60 1. 70 1. 80 1. 90 2. 10 2. 30 2. 33½ 2. 40 2. 50 2. 60 3, 20	26 26 26 26 26 24 24 24 48	46 46 46 46 46 46 46 46 46		10 10 10 10 10 10 10 10 10 10 10	3 1 1 1 1 2 1 1 1 1	M M M M M M M M	1.60 1.70 1.80 2.00 2.10 2.20 2.30 2.33 2.40 2.60 3.20	66 66 66 66 66 66 66 66 66	66 66 66 66 66 66 66 66 66 66
Average	10	21	М	2.071	14	44	Average	10	19	м	2.071	84	44
July 1876	10 10 10 10 10	4 3 1 2 1	M M M M	1.50 1.60 1.70 1.80 1.90	66 66 66	66 66 66	Jan. 1879	10 10 10 10 10	1 1 1 1	M M M M	1. 40 1. 50 1. 60 1. 70 1. 90	66 66 16	64 66 66 66
	10 10 10 10 10	1 1 1 1 3	M M M M M M M M M M	2. 00 2. 10 2. 20 2. 30 2. 33 2. 40	66 66 68 68 68	86 64 64 64 64		10 10 10 10 10	1 1 2 2 1 1	M M M M M	2. 00 2. 10 2. 30 2. 33 3. 00	1 E 6 E 6 E 6 E	66 66 64 66
	10 10	3 1	M M	2. 60 3. 20		**	A verage	10	12	M M	2.02	44	16
Average Jan. 1877	10 10 10 10 10 10 10 10 10 10 10 10 10	24 3 2 1 2 1 1 1 1 1 1 2 3	M M M M M M M M M M M M M M M M M M M	2. 04½ 1. 50 1. 60 1. 70 1. 80 2. 00 2. 10 2. 20 2. 30 2. 33½ 2. 40	46 46 46 46 46 46 46 46 46 46 46	44 46 55 14 65 66 64 64	July 1879	10 10 10 10 10 10 10 10 10 10 10	1 1 1 2 2 1 1 2 1 3 1	M M M M M M M M M M M M	1. 40 1. 50 1. 60 1. 70 1. 80 1. 90 2. 00 2. 10 2. 20 2. 30 2. 33 2. 40 3. 00	56 54 65 56 64 58 66 66	44 44 44 44 44 44 44 44 44 44 44
A	10	1	M	3. 20	44	66	Average	10	18	M	2.021	"	46
Average July 1877	10 10 10 10 10 10 10 10 10 10	19 3 2 1 1 1	M M M M M M M M M	2. 09 1. 50 1. 60 1. 70 1. 80 2. 10 2. 20 2. 30 2. 33 2. 40	66 66 66 66 66 66	66 68 66 65 65 66 66 66	Jan. 1880	10 10 10 10 10 10 10 10 10	3 5 1 2 2 3 2 1	M M M M M M M M	1. 40 1. 50 1. 60 1. 70 1. 80 2. 00 2. 10 2. 30 2. 40 3. 00	66 66 66 66	66 66 66 66 66 66
	10 10	3	21	2, 60 3, 20	44	66	Average	10	22	M	1.84	44	44
Average Jan. 1878	10	18	м	2.09	44	46	July 1880	10 10 10 10		M M M	1. 40 1. 50 1. 60 1. 70	66 66	16 66 66
ı	10	2	M	1.60	**	.		10			1.80	44	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

conc'd. 10 2 M 2.00 4 Conc'd. 10 1 M 2.50 1 M 2.70 1 M 2.00 1 M 3.0	day.
conc d. 10 2 M 2.00 cone d. 10 1 M 2.50 10 1 M 2.20 10 1 M 2.70 10 1 M 2.20 Average 10 26 M 2.11 10 1 M 2.20 Average 10 26 M 2.11 10 2 M 1.93 Average 10 26 M 1.50 Jan. 1881 10 3 M 1.50 July 1883 10 2 M 1.60 July 1883 10 2 M 1.60 July 1883 10 2 M 1.50 July 1883 10 2 M 1.50 July 1883 10 2	115 125 126 126 126 126 126 126 127 127 128 128 128 128 128 128 128 128 128 128
onic d. 10	11
Conc 10	65 65 61 16 66 66 66 66 66 66 66 66 66 66 66
Average 10	65 65 61 16 66 66 66 66 66 66 66 66 66 66 66
Average 10 22 M 1.93 " " Average 10 26 M 2.11 " Average 10 10 2 M 1.50 " " 10 1 M 2.00 " " 10 1 M 2.20 " " 10	14
Average 10 22 M 1.93 " " Average 10 26 M 2.11 " Average 10 10 22 M 1.60 " " 10 2 M 1.70 " 10 2 M 1.70 " 10 10 2 M 1.70 " 10 10 2 M 2.30 " " 10 10 1 M 2.10 " " 10 1 M 2.50 " " 10 1 M 2.40 " " 10 M 2.40 " " 10 M 2.40 " " 10 M 2.40 " " 10 M 2.40 " " 10 M 2.	64 61 62 64 64 65 66 66 66 66 66 66 66 66
Average 10 22 M 1.93 " " July 1883 10 2 M 1.60 " 10 10 3 M 1.60 " " 10 2 M 1.70 " 10 10 4 M 2.20 " 10 10 1 M 2.50 " " 10 1 M 2.50 " " 10 1 M 2.40 " " 10 1 M 2.60 " " 10 1 M 1.60 " " 10 1 M 2	64 61 62 64 64 65 66 66 66 66 66 66 66 66
Average 10 22 M 1.93 " " July 1883 10 2 M 1.60 " 10 10 2 M 1.60 " 10 10 2 M 1.60 " 10 10 2 M 1.60 " 10 10 2 M 1.70 " 10 10 2 M 2.10 " 10 10 4 M 2.20 " 10 10 1 M 2.50 " 10 10 1 M 2.60 " 10 1 M 2.60 " 10 1 M 1.80 " 10 1 M 1.80 " 10 1 M 1.80 " 10 1 M 2.60 " 10 1 M 1.80 " 10 1 M 2.60 " 10 1 M 2.20 " 10 1 M 2.60 " 10 1 M 1.80 " 10 1 M 2.60 "	65 66 66 66 66 66 66 66 66 66 66 66 66 6
Average 10 22 M 1.93 " " 10 2 M 1.60 " " 10 2 M 1.70 " 10 10 2 M 1.70 " 10 10 2 M 2.00 " 10 10 2 M 2.20 " 10 10 2 M 2.20 " 10 1 M 2.50 " 10 1 M 2.10 " 10 1 M 2.10 " 10 1 M 2.50 " 10 1 M 2.50 " 10 1 M 2.10 " 10 1 M 2.50	65 66 66 66 66 66 66 66 66 66 66 66 66 6
Jan. 1881	16 66 66 66 66 66 66 66 66 66 66 66 66 6
Jan. 1881 10 3 M 1.50 "" 10 2 M 1.70 " 10 2 M 1.70 " 10 2 M 2.00 " 10 2 M 2.00 " 10 2 M 2.00 " 10 2 M 2.10 " " 10 2 M 2.20 " " 10 4 M 2.20 " " 10 4 M 2.20 " " 10 1 M 2.20 " " 10 1 M 2.20 " " 10 1 M 2.50 " " 10 1 M 2.70 " " 10 1 M 2.50 " " 10 1 M 2.50 " " 3 1 1 M 1.60 " " 4 M 1.60 " "	40 C4 C4 C4
10	11 11 11 11 11 11 11 11 11 11 11 11 11
10	11 11 11 11 11 11 11 11 11 11 11 11 11
10	65 66 66 66 66 66 66
10	66 64 64 64 64 64 66 66 66
Average	64 64 64 64 64 64 66
10	64 64 64 64 66 66
Average 10 25 M 1.93 " " Average 10 26 M 2.11½ " 10 1 M 1.60 " " 10 1 M 2.00 " " 10 1 M 2.20 " " 10 1 M 2.20 " " 10 1 M 2.20 " " 10 1 M 2.20 " " 10 1 M 2.20 " " 10 1 M 2.20 " " 10 1 M 2.20 " " 10 1 M 2.00 "	64 64 64 64 64 64
Average 10 25 M 1.93	14 41 44 44
10	61 66 66
Average 10 25 M 1.93 " " Jan. 1884 10 1 M 1.50 " 10 1 M 2.00 " 10 1 M 3.00 " 10 1 M 3.	61 66 66
Average 10 25 M 1.93 " " Jan. 1884 10 1 M 1.50 " " 10 1 M 1.60 " " 10 1 M 2.00 " " 10 1 M 2.30	4.6 4.6
Average 10 25 M 1.93 " " 10 1 M 1.60 " 10 1 M 2.00 " 10 1 M 2.00 " 10 1 M 2.20 " 10 1 M 2.70 " 10 M 2.70 " 10	4.6 4.6
Average 10 25 M 1.93 " " 10 4 M 1.60 " 10 1 M 1.70 " 10 1 M 2.00 " 10 1 M 2.20 " " 10 1 M 3.00 " " 10 1 M 2.30 " " 10 1 M 2.40 " 10 1 M 2.50 " " 10 1 M 2.50 " " 10 1 M 2.40 " 10 1 M 2.50 " " 10 1 M 3.00 " "	"
July 1881 10 3 M 1.50 " " 10 11 M 2.10 " 10 1 M 2.20 " 10 10 1 M 2.30 " 10 10 1 M 2.30 " 10 10 1 M 2.30 " 10 10 1 M 2.30 " 10 10 1 M 2.30 " 10 10 1 M 2.30 " 10 10 1 M 2.30 " 10 10 1 M 2.30 " 10 10 1 M 2.30 " 10 10 1 M 3.00 " 10 1 M 3.00 " 10 10 1 M 3.00 " 10 10 1 M 3.00 " 10 10 1 M 3.00 " 10 10 1 M 3.00 " 10 10 1 M 3.00 " 10 10 1 M 3.00 " 10 10 1 M 3.00 " 10 10 1 M 3.00 " 10 10 1 M 3.00 " 10 10 1 M 3.00 " 10 10 1 M 3.00 " 10 10 1 M 3.00 " 10 10 1 M 3.00 " 10 10 1 M 3.00 " 10 10 1 M 3.00 " 10 10 1 M 3.00 " 10 10 1 M 3.00 " 10 10 1 M 3.00 " 10 1	
July 1881 10	
July 1881 10	
10	6.6
Average 10 25 M 1.99 " " Average 10 22 M 2.11½ " Average 10 1 M 1.60 " " July 1884 10 2 M 1.70 " Jan. 1882 10 1 M 1.50 " " July 1884 10 2 M 1.70 " 10 2 M 1.80 " " July 1884 10 2 M 1.70 " 10 1 M 1.60 " " July 1884 10 2 M 1.70 " 10 1 M 1.60 " " July 1884 10 2 M 1.70 " 10 1 M 1.60 " " July 1884 10 2 M 1.70 " 10 1 M 1.80 " " 10 1 M 1.60 " " July 1884 10 2 M 1.70 " 10 1 M 1.60 " " 10 1 M 1.60 " " 10 1 M 1.60 " " 10 2 M 1.90 " " 10 1 M 1.80 " " 10 2 M 1.90 " " 10 3 M 2.00 " 10 2 M 1.80 " " 10 3 M 2.00 " " 10 3 M 2.00 " " 10 3 M 2.00 " " 10 3 M 2.00 " " 10 3 M 2.00 " " 10 3 M 2.00 " " 10 3 M 2.00 " " 10 3 M 2.00 " " 10 3 M 2.00 " " 10 3 M 2.00 " " 10 3 M 2.00 " " 10 4 M 2.20 " " 10 1 M 2.20 " " 10 1 M 2.20 " " 10 1 M 2.20 " " 10 1 M 2.20 " " 10 1 M 2.20 " " 10 2 M 2.20 " " " 10 1 M 2.20 " " 10 2 M 2.20 " " " " 10 2 M 2.20 " " " " 10 2 M 2.20 " " " " 10 2 M 2.20 " " " " 10 2 M 2.20 " " " " 10 2 M 2.20 " " " " 10 2 M 2.20 " " " " 10 2 M 2.20 " " " " 10 2 M 2.20 " " " " 10 2 M 2.20 " " " " 10 2 M 2.20 " " " " 10 2 M 2.20 " " " " 10 2 M 2.20 " " " " 10 2 M 2.20 " " " " 10 2 M 2.20 " " " " 10 2 M 2.20 " " " " 10 2 M 2.20 " " " " 10 2 M 2.20 " " " "	
Average 10 25 M 1.99 " " July 1884 10 2 M 1.50 " July 1882 10 1 M 1.60 " " July 1884 10 2 M 1.70 " July 1884 10 2 M 1.70 " July 1884 10 2 M 1.70 " July 1884 10 2 M 1.50 " July 1884 10 2 M 1.60 " July 1884 10 2 M 1.50 " July 1884 10 2 M 1.50 " July 1884 10 July 1884	
Average 10 25 M 1.99 " " Average 10 22 M 2.11½ " Jan. 1882 10 1 M 1.60 " " 10 1 M 1.80 " 10 1 M 1.80 " 10 1 M 1.80 " 10 1 M 1.60 " " 10 1 M 1.60 " " 10 1 M 1.80 " 10 1 M	
Average 10 25 M 1.99 " " Average 10 2 M 1.50 " TO 10 1 M 1.80 " TO 10 M 1.80 " TO 10 M 1 M 1.80 " TO 10	
Average 10 25 M 1.99 " " Average 10 2 M 1.50 " Jan. 1882 10 1 M 1.60 " " 10 1 M 1.80 " " 10 1 M 1.80 " " 10 1 M 1.80 " " 10 1 M 1.60 " " 10 1 M 1.60 " " 10 1 M 1.60 " " 10 1 M 1.60 " " 10 1 M 1.60 " " 10 1 M 1.80 " " 10 M 1.80 " 10 M 1.80 " " 10 M 1.80 " " 10 M 1.80 " " 10 M	
Average 10 25 M 2.30 " "	6.6
Average 10 25 M 1.99 " " Average 10 22 M 1.50 " " July 1884 10 2 M 1.50 " " July 1884 10 2 M 1.60 " M	
Average 10 25 M 1.99 " " July 1884 10 2 M 1.50 " 10 10 2 M 1.60 " 10 2 M 1.60 " 10 2 M 1.70 " 10 1 M 1.80 " " 10 M 1.80 " 10 M 1.80 " " 10 M 1.80 " " 10 M 1.80 " " 10 M 1.80 " " 10 M 1.80 " " 10 M 1.80 " " 10 M 1.80 " " 10 M 1.80 " " 10 M 1.80 " " 10 M 1.80 " " 10 M 1.80 " 10 M 1.80 " 10 M 1.80 " 10 M 1.80 " " 10 M 1.80 " 10 M 1	4.5
Average 10 25 M 1.99 " " 10 10 2 M 1.60 " 10 10 3 M 1.60 " 10 10 1 M 1.60 " 10 10 1 M 1.80	
Average 10 25 M 1.99 " " 10 10 3 M 1.60 " 10 10 1 M 1.70 " 10 1 M 1.80 " 10 10 1 M 2.05 " 1	
Jan. 1882 10 1 M 1.50 """ """ 10 2 M 1.70 """ 10 1 M 1.60 """ """ 10 1 M 1.80 "" 10 2 M 1.80 """ 10 1 M 2.00 "" 10 2 M 1.90 """ 10 1 M 2.10 "" 10 2 M 2.10 """ 10 1 M 2.20 "" 10 1 M 2.20 """ 10 1 M 2.30 "" 10 1 M 2.20 """ 10 1 M 2.50 "" 10 1 M 2.30 """ 10 1 M 2.50 "" 10 1 M 2.50 """ 10 1 M 2.50 ""	
Jan. 1882 10 1 M 1.50 10 1 M 1.50 10 2 M 1.80 10 2 M 1.80 10 2 M 1.90 10 1 M 2.00 10 2 M 2.00 10 1 M 2.20 10 1 M 2.30 10 1 M 2.40 10 2 M 2.30 10 1 M 2.50 10 1 M 2.50 10 2 M 2.50	
10	
10	
10	
10 7 M 2.00 " " 10 10 1 M 2.30 " 10 10 1 M 2.30 " 10 10 1 M 2.30 " 10 10 1 M 2.30 " 10 10 1 M 2.30 " 10 10 1 M 2.30 " 10 10 1 M 2.30 " 10 10 1 M 2.50 " 10 10 1 M 2.50 " 10 10 1 M 2.50 " 10 10 1 M 2.50 " 10 10 1 M 2.50 " 10 10 1 M 2.50 " 10 10 1 M 2.50 " 10 10 1 M 2.50 " 10 10 1 M 2.70 " 10 10 1 M 2.70 " 10 10 1 M 2.70 " 10 10 1 M 2.70 " 10 10 1 M 2.70 " 10 10 1 M 2.70 " 10 10 1 M 2.70 " 10 10 1 M 2.70 " 10 10 1 M 2.70 " 10 10 1 M 2.70 " 10 10 1 M 2.70 " 10 10 1 M 2.70 " 10 10 1 M 2.70 " 10 10 1 M 2.70 " 10 10 1 M 2.70 " 10 10 1 M 2.70 " 10 10 1 M 2.70 " 10 10 1 M 2.70 " 10 10 1 M 2.70 " 10 1 M 2.7	
10 2 M 2.10 " " 10 1 M 2.30 " 10 1 M 2.40 " 10 2 M 2.30 " " 10 1 M 2.40 " 10 1 M 2.50 " 10 1 M 2.50 " 10 1 M 2.50 " 10 1 M 2.50 " 10 1 M 2.50 " 10 1 M 2.70 " 10 1 1 M 2.70 " 10 1 1 1 1 1 1 1 1	
10 1 M 2.20 " " 10 3 M 2.40 " 10 10 1 M 2.50 " 1 M 2.50 " 1 M 2.50 " 1 M 2.50 " 1 M 2.70 " 1 M 2 M 2 M 2 M 2 M 2 M 2 M 2 M 2 M 2 M	
10 2 M 2.30 " " 10 1 M 2.50 " M 2.70 "	
1 70 1 1 M 2 70 1	
10 1 M 2.40 " " 10 1 M 2.40 "	
10 1 M 2.50 " " 10 1 M 3.00 "	• • •
10 1 M 3.00 " "	. 44
Average 10 24 M 2.07	
Average 10 21 M 2.06½ " "	
Top 1885 10 2 M 1.55 '	
July 1882 10 I M 1.50 " " Jan. 1885 10 3 M 1.80 "	
10 2 M 1.60 " " 10 1 M 1.90 "	
10 1 M 1.70 " " 10 3 M 2.00 "	
10 1 1 M 1.80 " " 10 1 M 2.05 "	
10 1 M 1.90 " " 10 1 M 2.10 "	
10 6 M 2.00 " " 10 3 M 2.15 "	
1 10 2 M 2.10 " " 10 1 M 25 "	4 66
10 4 M 2.20 " " 10 1 M 2.45	L 66
10 2 M 2.30 " " 10 1 M " 70 "	4 44
10 4 M 2.40 " "	
10 1 M 2.50 " Average 10 17 M 2.021 "	1 16
10 1 M 2.70 " " Average 10	
10 1 M 3.00 " "	
July 1885 10 2 M 1.40	
Average 10 27 M 2.13 " " 10 1 M 1.45	1 41
10 1 1 1.55	4 44
Jan 1883 10 2 M 1.50 " " 10 3 M 1.80	
10 2 M 1.60 10 10 1 M 1.90 10 10 2 M 1.70 10 10 4 M 2.05	4 44
10 2 M 1.70 " " 10 4 M 2.00 10 10 1 M 2.05 10 10 1 M 2.10 10 1 M 2.10 10 10 1 M 2.10 10 10 1 M 2.10 10 10 1 M 2.10 10 10 10 1 M 2.10 10 10 10 1 M 2.10 10 10 10 1 M 2.15 10 10 10 10 10 10 10 10 M 2.15 10 10 10 10 10 10 10 10 10 10 10 10 10	1 16
10 6 M 2.00 " " 10 10 1 M 2.00 M 2.10 M 2.10 M 2.10	1 16
10 10 2.10 " 10 3 M 2.15 M 2.25	16 46
10 2 M 2.30 " " 10 1 M 2.25	1 16

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of -	Hours per day.	Different employés		Rate	of	wages.
July 1885- conc'd.	10 10	1	M M	\$2.50 2.70	per	r day.	Jan. 1888- conc'd.	10 10	2 1	M M	\$2.50 3.00	pe	r day.
Average	10	21	M	1.961	11	44	Average	10	22	M	2.04		1.5
Jan. 1886	10 10 10 10 10 10 10 10 10 10	3 1 3 2 5 2 3 1 2 3 1	M M M M M M M M	1. 40 1. 45 1. 50 1. 65 1. 80 1. 90 2. 00 2. 05 2. 10 2. 15 2. 25 2. 50	4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	61 61 61 61 61 61 61 61 61 61 61	July 1888	10 10 10 10 10 10 10 10 10 10 10	2 1 4 9 1 1 1 1 1 2 1	M M M M M M M M M M M M M M M M M M M	1. 70 1. 75 1. 90 2. 00 2. 05 2. 10 2. 20 2. 25 2. 35 2. 50 2. 60 3. 00	64 68 64 46 64 64 64 64 64 64 64 64 64 64 64	14 14 16 41 41 41 41 41 41 41 41
	10	i	M	2. 70	44	a	Average	-ميشيد	25		2. 09	Li	и
Average July 1886 Average Jan. 1887	10 10 10 10 10 10 10 10 10 10 10 10 10 1	28 2 1 1 10 4 1 3 1 1 1 1 1 3 0 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M M M M M M M M	1. 87 1. 50 1. 60 1. 65 1. 70 1. 80 2. 00 2. 05 2. 15 2. 25 2. 50 2. 70 1. 88 1. 50 1. 70 1. 80 1. 90 2. 00 2. 05 2. 10	66 65 65 66 66 66 66 66 66 66 66 66 66	44 44 44 44 44 44 44 44 44 44 44 44 44	Average July 1889	10 10 10 10 10 10 10 10 10 10 10 10 10 1	23 23 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M M M M M M M M	2. 09 1. 70 1. 70 1. 70 1. 90 2. 00 2. 00 2. 25 2. 10 2. 25 2. 35 2. 50 8. 00 2. 08 1. 50 1. 70 1. 75 1. 90 2. 10 2. 20 2. 25 2. 35 2. 30 3. 00	60 60 60 60 60 60 60 60 60 60 60 60 60 6	64 64 64 64 65 66 66 66 66 66 66 66 66 66 66 66 66
Ì	10 10 10	1	M	2. 15 2. 20	66 64	44	Average	10	23	М	2.061		**
Average July 1887	10 10 10 10 10 10 10 10 10 10 10	26 1 4 1 5 2 3 1 1 1 2	M M M M M M M M M	2. 10 2. 15	66 66 66 66 66 66 66 66 66 66 66 66 66	44 44 44 44 44 44 44 44 44	Jan. 1890	10 10 10 10 10 10 10 10 10 10	1 2 1 1 10 2 2 1 1 1 2 2 2 2 3	M M M M M M M M M M	1. 50 1. 60 1. 70 1. 75 2. 00 2. 10 2. 20 2. 22 2. 25 2. 35 2. 50 2. 01½	4 c c c c c c c c c c c c c c c c c c c	45 64 64 64 64 64 64
	10	3	M	a. 00	**	11	July 1890	10 10	2	M	1. 50 1. 60	11	46
Average Jan. 1888	10 10 10 10 10 10 10 10 10	3 1 2 1 9	M M M M M	1. 70 1. 75 1. 80 1. 90 2. 00 2. 05 2. 20	44 44 44	46 66 65 66 66 66 66	Average	10 10 10 10 10 10 10 10 10	2 2 1 11 11 2 2 2	M M M M M	1. 70 1. 80 1. 90 2. 00 2. 10 2. 20 2. 30 2. 35 2. 59	14 44 44 41 44 44	66 66 66 66 66 66 66

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MOULDERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	wages.	Payroll of—	Hours per day,	Different employés.	Sex.	Rate	of 1	Anges.
Jan. 1891	10 10 10 10 10 10 10	2 2 1 18 4 1	M M M M M M	\$1.50 1.70 1.80 2.00 2.10 2.20 2.30	per	day.	July 1891	10 10 10 10 10 10 10	2 2 1 11 4 1	M M M M M M	\$1.50 1.70 1.80 2.00 2.10 2.20 2.30	Per ··· ·· ·· ··	day.
A verage	10 10 10 10	28	M M M M	2. 35 2. 40 2. 50 2. 60 2. 03	46	66 66 66	Average	10 10 10	26	M M M	2, 35 2, 40 2, 60 2, 033	65	66

MOULDERS' APPRENTICES.

Jan. 1843 July 1843	10 10	1 1	M M	.42 per day.	July 1848– cone'd.	10 10	1 1	M M	. 58½ pe	r day.
Jan. 1844	10 10	2 1	M	. 42 " " " . 50 " " "	Average	.10	6	М	. 50 ''	"
Average	10	3	М	.441 " "	Jan. 1849	10 10 10	1 3 1	M M M	. 42 44 . 50 44 . 663 44	
July 1844	10 10	$\frac{1}{2}$	M M	. 50 " "	Average	10	5	M	.511	
Average	10	3	М	. 473	July 1849	10	5	м	. 50 ''	
Jan. 1845	10 10	$\frac{1}{2}$	M M	. 42 " " "	Jan. 1850	.10	4	М	.50	
Average	10	3	M	. 47½ " "	July 1850	10 10	5	M	. 581	
July 1845	10 10	1	M M	.331 " "	Average	10	4	М	. 541	
	10 10	1	M M	. 621 " "	Jan. 1851	10 10 10	1 1	M M M	$.42$ $.58\frac{1}{2}$ $.62\frac{1}{3}$	1 11
Average	10	4	M	.51 ""	Average	10	3	M	. 541	
Jan. 1846	10 10 10 10	1 1 1	M M M	.42 " " .50 " " .58½ " "	July 1851	10 10	7 2	M M	.42 4	
	10	4	M	.531 " "	Average	10	9	M	'	
Average	10	1	м	.42 " "	Jan. 1852	10	8	М	.42	
July 1846	10 10	1 1	M M M	.50 " " " .58½ " " " " " " " " " " " " " " " " " " "	Average	10		- <u>M</u>	. 50	
	10	4	М	.531 " "	July 1852	1.0	8	М	, 42 4	
Average	10		_	.50 11 11	0 (1) 1002	10	3	М	.50 '	
Jan. 1847	10 10	2	M M	.66½ " "	Average	10	11	М	.41 '	
Average	10	3	M	. 55½ " "	Jan. 1854	10 10	6 5	M	.42	
July 1847	10 10 10	2 1 1	M M M	.42 " " .50 " " .58½ " "	10	10 10 10	2 1 1	M M	. 62	6 66 6 66
Average	10	4	M	.48 11 44	Average	10	15	M	. 50	6 66
Jan. 1848	10	2 2	M M	.42	July 1854	10 10 10	5 5 2	M M M	.50	.c .c.
Average	10	4	M	. 501 " "		10 10 10	1 2	M	, 62 "	. 44
July 184 8	10 10	3 1	M	.42 " "	Average		15	M		14 44

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METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MOULDERS' APPRENTICES-Continued.

												` .		
Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	f w	ages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
Jan. 1855	10 10	1 4	M M	\$0.41 .50	pe	4 4	lay.	Jan. 1866	10	1	M	\$0.42	per	đay.
	10 10 10	1 1 2	M M M	. 58½ . 62½ . 66½		4 4	66 46 61	July 1866	10 10 10	1 1 1	M M M	. 42 . 50 . 53	64 64	6.6 4.6
Average	10	12	м	, 56	6	to.	-	Average	10	3	м	.481	"	4.6
July 1855	10 10 10	1 8 2	M M M	. 50 . 58½ . 66½		£	44	Jan. 1867	10 10 10	1 2 1	M M M	. 42 . 50 . 53	£1 £1	11 11
Average	10	11	м	. 59	ŧ		£ #	Average	10	4	М	. 481	"	44
Jan. 1856	10 10 10	2 4 3	M M M	. 50 . 58 1 . 66 <u>1</u>	-	6	ee 4	July 1867	10 10 10	1 2 1	M M M	.40 .50 .60	"	66 66
Average	10	9	, M	. 59 <u>1</u>	6	ı		Average	10	4	M	. 50	"	\$ 6
July 1856	10 10	3 5	M M	. 58½ . 66½	61		"	Jan. 1868	10 10 10	$\frac{2}{2}$	M M M	. 40 . 60 . 70	"	44 44
Average	10	8	M	. 63½	£1		£ I	Average	10	5	M	. 54	11	64
Jan. 1857	10 10	2 3	M M	. 581 . 661	61		66	July 1868	10	1	м	. 50	te ss	44
Average	10	5	М	. 631	41	L	c c		10 10 10	$\begin{bmatrix} 1\\2\\1 \end{bmatrix}$	M M M	. 60 . 66 <u>1</u> . 80	64	**
July 1857	10 10	1 3	M M	. 50 . 66 <u>1</u>	6.0		68	Average	10	5	M	. 641	4.5	**
Average	10	4	M	. 62½	64	4	4.4	Jan. 1869	10 10	1	M M	. 50	"	11 61
Jan. 1858 July 1858 July 1859 Jan. 1860	10 10 10 10	3 2 2 2	M M M M	. 66½ . 66½ . 50	61	4	6 E 6 E 6 E		10 10 10 10	1 1 1 1	M M M M	. 661 . 70 . 85	11	"
July 1860 July 1861 Jan. 1862 July 1862 Jan. 1863-	10 10 10 10 10	1 2 2 1	M M M M	. 62½ . 42 . 42 . 58½ . 58½	11		66, 66 68	Average July 1869	10 10 10 10	5 1 2 1	M M M	. 66½ . 50 . 60 . 70	66 66 66	£6 £6
July 1863	10 10 10	1 2 1	M M M	. 42 . 50 . 83	46		14	Average	10 10	1 7	л л	. 80 1, 00		**
Average	10	4	М	. 56 ₄	44		16	Jan. 1870	10	1	1	_	ıi	
Jan. 1864	10 10 10 10	1 2 2 1	M M M	. 33½ . 42 . 50 1. 00	44		14	0 all. 1010	10 10 10 10	1 1 2 2 2 1	M M M M	.35 .50 .60 .80	6.6 6.6 6.6	46 66 68
Average	10	6	M	. 53	4.6			Average	10	7	М	. 66½	16	44
July 1864	10 10 10 10	1 1 3 1	M M M M	. 50 . 58½ . 66½ . 80	66		: 6 : 4 : 1	July 1870	10 10 10	1 1 2	M M M	. 45 . 60 . 80	66	66 11 11
Average	10	6	M	. 641	8.6			Average	10	4	М	. 66 <u>1</u>	44	44
Jan. 1865	10 10 10	$\begin{smallmatrix}1\\2\\1\end{smallmatrix}$	M M M	. 66½ . 75 . 80	64 61 64			Jan. 1871	10 10 10	1 1 2	M M M	. 45 . 60 . 80	4.6 6.6 4.6	64 61
Average	10	4	M	. 74	11		٠	Average	10	4	М	. 661	44	66
July 1865	10 10	1	M M	, 66½ . 90	14		,	July 1871 Jan. 1872 July 1872	10 10	1 1	M M	. 50	44	44 44
Average	10	2	M	.781	14		٠	July 1872 Jan. 1873	10 10	1	M	. 60 . 60		H

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MOULDERS' APPRENTICES—Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1873	10 10 10	2 2 1	M M M	\$0.50 .70 .80	Per	day.	July 1879	10 10 10	1 1 2	M M M	\$0.50 .70 .80	per	lay.
Average	10	5	М	. 64	66	4.6	Average	10	4	M	. 70	6.6	
Jan. 1874	10 10	$\frac{1}{2}$	M M	. 50	16		Jan. 1880	10 10 10	1 1 1	M M M	. 50	44	14
Λ verage	10	3	M	. 631	44	6.6		10	1	M	. 80	44	
July 1874	10 10	2 2	M M	. 50		6.6	Average	10	4	М	. 72½	44	"
	10 10	1 2	M	. 70	44		July 1880	10 10	1	M	. 50	16	66
Average	10	7	М	. 641				10 10	1	M M	1.00	14	4.6
Jan. 1875	10 10	1 3	M M	. 50	41		Average	1	4	М	. 75	66	"
Average	10	4	М	. 65			Jan. 1881	10 10 10	$\begin{array}{c} 1 \\ 1 \\ 2 \end{array}$	M M M	. 60 . 80 1. 00	11	44
July 1875	10 10	3 2	M	.50	44	4.6	Average		4	м	. 85	4.6	"
Average	10	1 8	M	. 631			July 1881	10 10	2 2	M	.50	61 66	"
Jan. 1876	10	1	М	. 50			1.	10	1	M	. 90	44	
	10 10	2 2	M	. 60	61		Average Jan. 1882	10	5 3	M	. 50	44	
Average	10	5	М	. 62	6		0 881. 1002	10 10	1 1	M	. 60	11	"
July 1876	10 10	1	M M M	.50 .60 .70	4		Average	10	6	M	. 80		
	10 10	1	M	. 80		64	July 1882	10	2	м	. 60		
Average	10	5	M	. 62	4		0 444,9 2441	10	3	M	. 80	41	
Jan. 1877	10 10 10	2 2 2	M M M	. 50 . 60 . 80	6	4.4	Average Jan. 1883	10	5	M M	.72	11	"
Average		6	М	. 631		66		10		M	. 80	14	"
July 1877	10	3 5	M M	. 50			July 1883	10	4	M	. 75	**	
Average	10	8	M	. 62		4 44	0 41, 1000	10	2	M	. 90	4.6	
Jan. 1878	10	1	м	. 50	٠.		Average		3	M	. 86		"
	10 10	1 2	M	. 60			Jan. 1884	10	1	M	. 90	i.	
	10	2	M	. 80	-		July 1884	10	i	М	1.00		**
Average	1	6	M	. 683			Average	10	2	M	. 73	64	
July 1878	10 10 10	1 2 1	M M M	. 60	4		Jan. 1885	10 10	1 1	M M	.50	11	44
	10 10	2	M	. 80	6		Average	10	2	M	. 70		"
Average		7	M	. 70	٠ ،		July 1885	10 10	1	M	. 60	**	11
Jan. 1879	10 10 10	1 1 1	M M M	. 60 . 70 . 90	6	6 66	Average		2	M	. 75		4 5
Average		3		.73			Jan. 1886	10	1	M	. 60	44	t.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MOULDERS' APPRENTICES-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.
July 1886	10 10	2 1	M M	\$0.50 .80	per	day.	Jan. 1888	10	2	М	\$0.60	per	day.
Average		3	M	. 60	44	**	July 1888	10 10	1	M M	. 70		66'
Jan. 1887	10 10	2_1	M M	. 50	64	**	Average	10	2	M	. 80	14	11
Average	10	3	м	. 60		**	Jan. 1890 July 1890	10 10	1 2 2	M	. 60	16	44 41
July 1887	10 10	1	M M	. 50	66	44	Jan. 1891 July 1891	10	1	M M	. 80	"	44
	10	1	M	. 90	44	**	,	10	Ĩ.	M	. 90	"	11
Average	10	3	M	. 661	6.6	4.5	Average	10	2	M	. 85	4.6	££

MOULDERS' HELPERS.

Jan. 1843	10	2	м	1	_	day.		Jan. 1849- cone'd.	10 10	1	M	. 87½	per	day.	
July 1843	10 10	1	M	. 66½ . 75		44		Average		4	м	. 881		44	
A veragė	10	2	М	. 701	4.6	ľ.		July 1849	10	1	м	. 661	6.6	45	
Jan. 1844	10 10	1 3	M M	. 66½ . 75	44	"			10 10 10	1 1 1	M M M	. 75 . 87½ 1. 00	66	11	
Average	10	4	.M.	. 73	6.6	4.6		A verage	10	4	M	. 821	4.4	44	
July 1844	10 10	1 4	M M	. 66½ . 75	44	44		Jan. 1850	10 10	1 4	M M	. 58½ . 75	11	"	
Average	10	5	M	. 731	6.6	14			10 10	1 2	M	. 87½ 1. 00	11	**	
Jan. 1845	10	4	М	. 75	44	**		Average	10	8	M	. 801	41	41	
July 1845	10 10 10	5 1 1	M M M	. 75 . 87½ 1. 00	11	66 66		July 1850	10 10 10	1 4 1 2	M M M	. 58½ . 75 . 87½ 1. 00	44 44	66	
Average	10	7	M	. 80 <u>1</u>	41	et		A 22000 = 0	10				"	44	
Jan. 1846	10 10 10	4 1 1	M M M	. 75 . 87½ 1. 00	61	66 15		Jan. 1851	10 10	1 8	M M M	. 80½ . 66½ . 75	66	44	
Average	10	6	M	. 811	**	44			10	1	M	1.00	**	44	
July 1846	10 10 10	2 1 2	M M M	.75 .87½ 1.00	44	44	2	Average July 1851	10 10 10 10	10 1 10 1 2	M M M M	. 76½ . 66½ . 75 . 87½ 1. 00	**	66 66 66	,
Average	10	5	М	. 871	11	44	1		l				"	44	
Jan. 1847	10 10	3	M	. 75 1. 00	66	44		Average	10	14 -	М	. 79			
Average	10	4	М	. 811	4.6	64		Jan. 1852	10 10 10 10	14 4 3	M M M	$.62\frac{1}{2}$ $.75$ $.87\frac{1}{2}$ 1.00	11	6 6 6 6 6 6	
July 1847 Jan. 1848	10 10	5 5	M	. 75 . 75	**	15		Average	10	23		. 791	44		
July 1848	10 10 10	2 1 1	M M M	. 75 . 87½ 1. 00	66 66	1 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		July 1852	10 10 10 10	2 11 4	M M M	. 621 . 75 . 871	11 11 11	11 12 14	
Average	10	4	M	. 841	14	"		A		3	M	1.00			
Jan. 1849	10 10	1	M M	$.66\frac{1}{3}$	6 E	41 11		Average Jan. 1854	10 10	20 1	M M	. 80	46	64	
												-			

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MOULDERS' HELPERS -Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.
Jan. 1854– cone 'd.	10 10 10 10	12 1 7 4	M M M M	\$0.75 per day. .83½ " " " " " " " " " " " " " " " " " " "	July 1859	10 10 10	6 5 1	M M M	\$0.62½ .75 1.12½	64	11
Average	10	25	M	.821 " "	Average	10	12	M	.72	14	"
July 1854	10 10	1 15	M M	.66½ " " .75 " "	Jan. 1860	10 10 10	6 5. 1	M M M	. 62½ . 75 1. 12½	66	44
	10 10	9 2	M	.871 " "	Average	10	12	М	. 72	41	"
	10	2	M	1. 100 "" ""	July 1860	10 10	2 2	M	.75 .874	11	44
Average	10	30	M	. 83 '' ''	,	10	3	M	1.00° 1.12½	64	44
Jan. 1855	10 10 10	11 1 4	M M M	.75 " " "	Average	10	В	М	. 92	44	44
	10	. 8	M	1.00 " "	Jan. 1861	10	1	M	. 871	"	44
Average July 1855	10	9	M	.75	July 1861	10 10 10	5 2 1	M M M	1.00 1.12½	"	46
*	10 10	6 7	M	1.00 " "	Average	10	8	М	. 93½	44	66
Average	1	22	М	.861 11 11	Jan. 1862	10 10 10	3 5 2	M M M	.75 .87½ 1.00	66 66	66 66
Jan. 1856	10 10 10	6 5 4	M M M	.75 " " " " " 1.00 " " "	Average	<u> </u>	10	M	. 861	44	44
Average	10	15	М	. 86 '' ''	July 1862	10	8	M	. 871	44	44
July 1856	10 10	2 3	M	.661 " "		10	4 2	M	1.00 1.12½	44	44
	10 10	6 2	M	1. 90 " "	Average	10	14	М	. 941/2	44	£1
	10	2	M	1. 121 " " 1. 125 " "	Jan. 1863	10 10 10	5 10 1	M M M	. 87½ 1. 00 1. 12½	44 44	44 66 54
Average	10	16	M	.891 " "	A warner	1	16	M	.97	64	44
Jan. 1857	10 10 10	2 2 8	M M M	. 66½ " " "	July 1863		1	м	1.00	**	44
,	10 10 10	3 2 1	M M M	1. 00 " " " 1. 12½ " " " 1. 25 " "		10	5 4	M	$1.12\frac{1}{2}$ 1.25	44	41
Average		18	<u>M</u>	.901 " "	Average	e 10	10	М	1.161	- 11	44
July 1857	10	1	м	. 661 '' ''	Jan. 1864	10 10	8	M	1. 12½ 1. 25	14	46
	10 10	7	M	1.00	Average	e 10	12	М	1. 161	86	44
	10 10	1 1	M	1. 12½ " " 1. 25 " "	Jan. 1865	10	1	M	1.00	66	44
Average		-	м	. 94 '' ''	July 1865	10 10	I		1. 25 1. 50	44	44
Jan. 1858	10 10 10	4	M M M	. 66½ " " "	Average	е 10	2		1.37		66
. Average			M	88 " "	Jan. 1866	10 10	I 1		. 831 1. 375	**	**
July 1858	1		M	. 661 44	Average	e 10	2	M	1. 10	-	14
eury 1606	10 10 10	2 5	M M M	.75 " " "	July 1866		1	M M	1.00 1.50	66	84 45
Average			_'	,851 " "	Averag	e 10	2	м	1. 25	44	66

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MOULDERS' HELPERS-Continued.

Jan. 1867 10 1 M \$1.00 per day. Jan. 1876 10 1 M \$0.90 per day. Average 10 2 M 1.25 Long to the per day. July 1887 10 1 M 1.10 1 M 1.10 1 M 1.10 1 M 1.10 1 M 1.10 1 M 1.20 10 1 M 1.20 Average 10 1 M 1.30 Average 10 1 M 1.30 Average 10 1 M 1.40 Average 10 1 M 1.10 Average 10 1 M 1.10 Average 10 1 M 1.10 Average 10 1 M 1.00 Average 10 1 M 1.00 M 1.10	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of '	wages.	Payroll of—	Hours per day.	Different employes.	Sex.	Rate	of v	wages
Average 10	Jan. 1867		1 1			Der	day.	Jan. 1876	10	2	M	1,00		
July 1870 10 1 M 1.20	Average	10	2	M	1, 25	4.6	4.4		10	1	M	1, 20		
Jan. 1870 10 1 M 1.40 July 1876 10 1 M 1.00 July 1876 10 1 M 00 July 1870 10 2 M 1.45 July 1870 10 1 M 1.00 10 1 M 1.10 10 1 M 1.10 10 1 M 1.10 10 1 M 1.20 10 1 M 1.20 10 1 M 1.20 10 1 M 1.20 1 M 1.20 1 M 1.20 1 M 1.20 1 M 1.20 1 M 1.20 1 M 1.20 1 M 1.20 1 M 1.20 1 M					1. 20 1. 20			4	10	4	<u>M</u>	1, 50		**
Average 10 2 M 1.45 " 10 1 M 1.20 " 10 1 M 1.20 " 10 1 M 1.20 " 10 1 M 1.40 " 10 1 M 1.40 " 10 1 M 1.50 " Average 10 1 M 1.50 " Average 10 1 M 1.50 " Average 10 1 M 1.50 " Average 10 1 M 1.50 " Average 10 1 M 1.00 " Average 10 1 M 1.00 " Average 10 1 M 1.00 " Average 10 1 M 1.20 " Average 10 1 M 1.20 " Average 10 1 M 1.20 " Average 10 1 M	Jan. 1870		1						10	1	м	. 90	a	
July 1870 10 1 M 1.00 0 0 10 10 10 10 11 M 1.50 0 10 1 M 1.50 0 0 1 M 1.50 0 0 10 1 M 1.50 0 0 10 1 M 1.50 0 0 10 12 M 1.60 0 1 1 1 1.50 0 0 1 <td>Average</td> <td>10</td> <td>2</td> <td>М</td> <td>1.45</td> <td></td> <td>44</td> <td></td> <td>10</td> <td>1</td> <td>M</td> <td>1, 20</td> <td>61</td> <td></td>	Average	10	2	М	1.45		44		10	1	M	1, 20	61	
Average	July 1870	10 10	1	M	1. 10	11	4.6	į	10	$\frac{1}{2}$	M	1, 40 1, 50		14
Jan. 1871 10		-					•	Average	10	12	M	1. 233	4.6	4.6
Jan. 1871 10 2 M 1.10 11 M 1.15 11 10 10 2 M 1.20 11 10 11 M 1.40 11 10 11 M 1.40 11 10 11 M 1.40 11 10 11 M 1.40 11 10 11 M 1.50 11 10 12 M 1.40 11 10 12 M 1.40 11 10 12 M 1.50 11 10 12 M 1.50 11 10 12 M 1.25 11 10 12 M 1.25 11 10 12 M 1.25 11 10 12 M 1.50 11 10 12 M 1.10 11 M 1.50 11 10 12 M 1.25 11 10 12 M 1.25 11 10 12 M 1.25 11 10 12 M 1.40 11 10 12 M 1.40 11 10 12 M 1.40 11 10 12 M 1.40 11 10 12 M 1.40 11 10 12 M 1.40 11 10 12 M 1.40 11 10 12 M 1.40 11 10 12 M 1.40 11 10 12 M 1.40 11 10 12 M 1.40 11 10 12 M 1.40 11 10 12 M 1.40 11 10 12 M 1.40 11 10 12 M 1.40 11 10 12 M 1.50 11 11 M 1.50 11 11 M 1.50 11 11 M 1.40 11 10 12 M 1.40 11 10 12 M 1.40 11 10 12 M 1.50 11 11 M 1.40 11 10 12 M 1.40 11 10 12 M 1.40 11 10 12 M 1.50 11 11 M 1.	Average	10	5	M	1, 22	11	11	Jan. 1877		3		1. 00		
July 1871 10 1 M 1.00 "" July 1877 10 2 M 1.10 "" Average 10 2 M 1.25 "" July 1877 10 2 M 1.10 "" Jan. 1872 10 1 M 1.00 "" Average 10 2 M 1.30 "" Average 10 2 M 1.25 "" Jan. 1878 10 2 M 1.28 "" July 1872 10 1 M 1.00 "" Jan. 1878 10 2 M 1.20 "" July 1872 10 1 M 1.00 "" Jan. 1878 10 2 M 1.20 "" Average 10 3 M 1.33½ "" Average 10 1 M 1.00 "" Average 10 1 M 1.10 "" 1.10	Jan. 1871	10 10	1	M	1. 15 1. 40	41 64	44		10 10	3 1	M M	1, 20 1, 30 1, 40	44	11
July 1871 10 1 M 1.00 "" July 1877 10 2 M 1.10 "" Average 10 2 M 1.25 "" July 1877 10 2 M 1.20 "" Jan. 1872 10 1 M 1.00 "" Average 10 2 M 1.50 "" Average 10 2 M 1.50 "" Average 10 2 M 1.50 "" July 1872 10 1 M 1.00 "" Average 10 2 M 1.20 "" July 1872 10 1 M 1.00 "" Average 10 2 M 1.10 "" Average 10 3 M 1.33½ "" "" Average 10 1 M 1.00 "" Jan. 1873 10 1 M 1.00 "" <	Average	10	5	М	1. 25	44	**	Average	10	12	M	1, 25	6.6	**
Average 10 2 M 1.25 """ 10 1 M 1.40 """ Jan. 1872 10 1 M 1.00 """ Average 10 2 M 1.50 """ Average 10 2 M 1.25 """ Jan. 1878 10 2 M 1.00 """ July 1872 10 1 M 1.00 """ Jan. 1878 10 2 M 1.30 """ Average 10 3 M 1.38½ """ Average 10 1 M 1.00 """ Jan. 1873 10 1 M 1.00 """ Average 10 1 M 1.20 """ July 1873 10 1 M 1.00 """ Average 10 2 M 1.30 """ July 1873 10 4 M 1.50 """ Average <td>July 1871</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>10</td> <td>3</td> <td>M</td> <td>1, 20</td> <td>14</td> <td>64</td>	July 1871								10	3	M	1, 20	14	64
Jan. 1872 10 1 M 1.00 Average 10 10 M 1.28 Average 10 2 M 1.25 Jan. 1878 10 2 M 1.10 July 1872 10 1 M 1.00 10 2 M 1.20 Average 10 3 M 1.33½ Average 10 1 M 1.40 Jan. 1873 10 1 M 1.00 Average 10 10 M 1.20 Jan. 1873 10 1 M 1.00 July 1978 10 1 M 1.10 Average 10 6 M 1.37½ Average 10 1 M 1.10 July 1873 10 1 M 1.00 <td>Average</td> <td>10</td> <td>2</td> <td>M</td> <td>1, 25</td> <td>**</td> <td>4.1</td> <td></td> <td>10</td> <td>1.</td> <td>M</td> <td>1.40</td> <td></td> <td>14</td>	Average	10	2	M	1, 25	**	4.1		10	1.	M	1.40		14
July 1872 10 1 M 1,00 0 0 10 2 M 1,20 0 0 10 2 M 1,20 0 0 10 2 M 1,30 0 0 1 M 1,30 0 1 M 1,50 0 1 M 1,50 0 1 M 1,50 0 1 M 1,50 0 1 M 1,50 0 0 M 1,28 0 1 M 1,50 0 0 M 1,28 0 0 1 M 1,50 0 0 0 M 1,28 0 0 1 M 1,00 0	Jan. 1872				1.00 1.50			Average						
July 1872 10	Average	10	2	M	1, 25	* "		Jan. 1878		2	M			
Average 10 3 M 1.38½ " Average 10 10 M 1.28 " Jan. 1873 10 1 M 1.00 " Average 10 1 M 1.25 " July 1878 10 1 M 1.25 " July 1878 10 1 M 1.20 " Average 10 6 M 1.37½ " 10 1 M 1.20 " July 1873 10 1 M 1.00 " Average 10 2 M 1.30 " July 1873 10 4 M 1.50 " Average 10 8 M 1.31½ " Average 10 6 M 1.43½ " Average 10 2 M 1.00 " July 1874 10 2 M 1.00 " Average 10	July 1872		$\frac{1}{2}$						10 10	2	M	1.30 1.40	11	44
Jan. 1873 10 1 M 1.00 "" July 1878 10 1 M 1.00 "" July 1878 10 1 M 1.10 "" Average 10 2 M 1.00 "" Average 10 2 M 1.00 "" Average 10 2 M 1.00 "" Average 10 2 M 1.00 "" Average 10 8 M 1.30 "" "" Average 10 6 M 1.50 "" Average 10 8 M 1.31 "" "" Jan. 1874 10 2 M 1.00 "" 10 2 M 1.00 "" Average 10 5 M 1.30 "" Average 10 M 1.30 "" July 1874 10 1 M 1.00 "" July 1879 10 2	A.verage	10	3	М	1. 331	44	**							
Average 10 6 M 1.37½ " " Average 10 8 M 1.31½ " " Average 10 8 M 1.31½ " " Average 10 8 M 1.31½ " " Average 10 8 M 1.31½ " " Average 10 8 M 1.31½ " " Average 10 8 M 1.31½ " " Average 10 8 M 1.31½ " " Average 10 8 M 1.30 " " M 1.30 " M 1.30 "	Jan. 1873	10	1	\mathbf{M}	1, 25	6.6	64	1 - 1	10	1 2	M	1. 10	44	**
July 1873 10 1 M 1.00 " Average 10 2 M 1.50 " Average 10 8 M 1.31½ " Average 10 8 M 1.31½ " " Average 10 6 M 1.43½ " Jan. 1879 10 2 M 1.00 " 10 2 M 1.00 " 10 2 M 1.00 " 10 3 M 1.20 " 10 3 M 1.20 " 10 3 M 1.30 " Average 10 10 M 1.13 " Average 10 10 M 1.13 " " Average 10 10 M 1.13 " " July 1879 10 2 M 1.00 " " July 1879 10 2 M 1.00 " M 1.00 "	Average	10	6	M	1, 37	44	44] .					64	44
Average 10 6 M 1.43\frac{1}{6} "" " Jan. 1879 10 2 M 1.00 "" " 10 3 M 1.20 "" " 10 3 M 1.30	J uly 1873	10	4	\mathbf{M}	1.50	44	44	Average	10	2	M	1, 50		-
Jan. 1874 10 2 M 1.00 " " 10 3 M 1.20 " " Average 10 5 M 1.50 " Average 19 10 M 1.30 " Average 19 10 M 1.13 " " July 1874 10 1 M 1.00 " " 10 2 M 1.00 " 10 2 M 1.00 " 10 2 M 1.00 " 10 3 M 1.20 " " Average 10 6 M 1.28½ " Average 10 3 M 1.00 " Average 10 3 M 1.00 " Average 10 3 M 1.00 " Average 10 3 M 1.00 " Average 10 3 M 1.00 " 10 <td>A WATEGO</td> <td> </td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Jan. 1879</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	A WATEGO							Jan. 1879						
Average 10 5 M 1.30 " " Average 10 10 M 1.13 " " July 1874 10 1 M 1.00 " " 10 2 M 1.00 " " 10 3 M 1.10 " " 10 3 M 1.50 " " 10 5 M 1.30 " " Average 10 6 M 1.28½ " " Average 10 10 15 M 1.14½ " " 10 10 3 M 1.50 " " 10 5 M 1.30 " " Jan. 1875 10 2 M 1.00 " " Average 10 15 M 1.10 " " 10 10 3 M 1.00 " " 10 10 5 M 1.30 " " 10 5 M 1.3	_	10	2	M	1.00	11	44		10.	3	M	1.20	6.6	6.6
July 1874 10 10 2 M 1.10 10 10 2 M 1.10 10 10 10 2 M 1.00 10 10 10 3 M 1.10 10 10 3 M 1.10 10 10 3 M 1.10 10 10 3 M 1.20 10 10 5 M 1.30 10 10 10 10 10 10 10 10 10 10 10 10 10	Average					41	4.6	∆ verage	10	10	M	1, 13	4.4	44
Average 10 6 M 1.28½ " " Average 10 10 5 M 1.30 " " Average 10 6 M 1.20½ " " Jan. 1880 10 3 M 1.00 " " Average 10 6 M 1.20½ " " Jan. 1880 10 3 M 1.00 " " Average 10 6 M 1.20½ " " Jan. 1880 10 3 M 1.00 " " Jan. 1880 10 10 2 M 1.10 " " Jan. 1880 10 10 2 M 1.10 " " Jan. 1880 10 10 2 M 1.10 " " Jan. 1880 10 10 10 4 M 1.20 " " Jan. 1880 10 10 10 4 M 1.20 " " Jan. 1880 10 4 M 1.20 " "	_	10 10	1 2	M M	1.00	44	44	July 1879	10	2	M	1.00	11	44
Average 10 6 M 1.28½ " " Average 10 15 M 1.1½ " " Average 10 2 M 1.00 " " Jan. 1880 10 3 M 1.00 " " Jan. 1880 10 3 M 1.00 " " Jan. 1880 10 3 M 1.10 " " Jan. 1880 10 3 M 1.00						44	11		10	3	M	1.20		
Average			1		_			Average		'			66	**
Average 10 6 M 1.20½ " " 10 10 4 M 1.20 " " 1 10 10 1 M 1.30 " " 1 10 10 1 M 1.40 " " 1 10 10 10 1 M 1.40 " " 1 10 10 10 10 1 M 1.40 " " 1 10 10 10 10 10 10 10 10 10 10 10 10 1	Jan. 1875	10	1	M	1.40	11	6.6		10	3	м	1. 00	44	44
July 1875 10 2 M 1.00 0 0 10 1 M 1.40 0 0 10 3 M 1.10 0 0 Average 10 14 M 1.18½ 0 0	Average	10	6	M	1. 261	**	61		10	4	M	1.20		
10 4 10 1,50 " "	July 1875	10	3	M	1.00 1.10	4.6	44	Average	10	I	M	1. 40		
Average 10 9 M 1.255 " " July 1880 10 4 M 1.10 " "								July 1880	10	4	M		4.6	**

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

MOULDERS' HELPERS Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of w	ages.	Payroll of	Hours per day.	Different employes.	Sex.	Rate	of w	адея
July 1880- cone'd.	10 10	3 2	M M	\$1.30 1.40	per	day.	July 1885-, concid.	10 10	4 1	M M	\$1.35 1 40	per (lay.
Average	10	14	М	1, 22	14	14	Average	10	8	М	1, 263	6.6	44
Jan. 1881	10 10 10	4 9 1	M M M	1, 20 1, 30 1, 40	44	44	Jan. 1886	10 10 10 10	1 1 4 1	M M M	1, 00 1, 15 1, 35 1, 40	1.1 1.1 1.5	6 6 6 6
Average	10	14	М	1, 28	**		Avorage	10	7	M	1, 28	44	14
July 1881	10 10 10 10	1 3 6 3	M M M M	1, 20 1, 30 1, 40 1, 50	4.6 4.6 4.4	61 61 61	July 1886	10 10 10 10	1 1 3 1	M M M M	1. 15 1. 25 1. 35 1. 40	4.4 4.6 4.6	46
Average	10	13	М	$1.38\frac{1}{2}$	14	16		10	1	M	1.45		11
Jan. 1882	10 10 10 10 10	1 1 5 4 4	M M M M M M	1, 00 1, 20 1, 30 1, 40 1, 50	61 61 61 61	66 - 66 66 66 66	Average Jan. 1887	10 10 10 10 10 10	1 1 1 2 2 2	M M M M M	1, 33 1, 15 1, 20 1, 25 1, 35 1, 40	44 44 44 44 44 44 44 44 44 44 44 44 44	44 41 44 44
Average	10	16	M	1, 32			1	10	1	M	1, 45	44	
July 1882 Average	1	2 3 7	1	1, 00 1, 10 1, 30 1, 40 1, 50	44 44 44 14	65 66 66 66 66 66 66 66 66 66 66 66 66 6	Average July 1887	10 10 10 10 10 10 10	8 1 1 1 1 3	M M M M M M	1 1a 1, 20 1, 25 1, 35 1, 40 1 50	11 44 48 44 41	66 66 66 66
Jan. 1883 Average July 1883		14	M	1, 00 1, 10 1, 30 1, 40 1, 50 1, 38 1, 10 1, 20	44	44 44 44	Average Jan. 1888	10 10 10 10 10 10 10 10	1 1 3	M M M M M	1, 33 1, 00 1, 15 1, 20 1, 25 1, 35 1, 40 1, 50	64 64 64 64 64 49 66	44 44 44 44 46 46
	10	1		1.30	4.6	11	Average	10	12	М	1.32	*1	44
Д verage Jan , 1884	10 2 10 10 10		M M M M M	1, 50 1, 41 1, 10 1, 20	66 66	44 44 44 44	July 1888		5 1 1) 1) 1) 1) 1	1, 25 1, 30 1, 35 1, 40	16	66 61 65 65
	10	_			_	16	Average	в 10	15	М	1, 33	7 "	61
Average July 1884 Average	10 10		M M	1, 20 1, 30 1, 50		64	Jan. 1889	10 10 10 10 10	4 1 1 1 4	M M M	1, 25 1, 30 1, 35 1, 40	41 44 41	64 84 83 83
Jan. 1885	1	1				44	Averag	e 10	13	В М	1, 34		44
фиц. (080	10		M M M	1, 25 1, 35 1, 40 1, 45	61	6 6 6 6 6 6	July 1889	10 10 10		M M M	1, 25 1, 30 1, 35	**	64 64 64 64
Average	e 10) 1	M	1.31	4.6	4.4		10					££
J uly 1885	10		M		144	1.6	Average	10	11	L I M	1.34	1 44	••

10

9 M

1.46

Average

TABLE XII.-RATES OF WAGES FOR 52 YEARS-Continued.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK-Continued.

MOULDERS' HELPERS-Concluded.

Payroll of—	Hours per day.	Different employés.		Rate	of	wages.	Payroll	Hours per day.	Different	Sex.	Rat	o of	wages
Jan. 1890	10 10 10 10 10	1 4 4 4 1	M M M M M	\$1. 25 1. 30 1. 35 1. 40 1. 50	per	day.	Jan. 1891	10 10 10 10 10 10	1 1 2 3 5	M M M M M	\$1.00 1.25 1.30 1.35 1.40 1.50	per	day.
Average	10	14	M	1.35	14	**	Average	+	13	M	1.34		
July 1890	10 10 10 10 10 10	1 1 4 3 3 1	M M M M M	, 90 1, 25 1, 30 1, 35 1, 40 1, 50	66 64 66 66	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	July 1891	10 10 10 10 10 10	1 1 2 3 5	M M M M M M	1, 00 1, 25 1, 30 1, 35 1, 40 1, 50	44 14 64 64 64	66 64 66 66 66
∆verage	10	13	M	1.31		**	Average	10	13	М	1.34	*1	**
					P	ATTER	NMAKERS.	,					
Jan. 1844 Average	10 10	4 1 5	M	1. 25 2. 00 1. 40	per	day.	Jan. 1848	10 10 10 10	1 1 1 4	M M M M	1.00 1.25 1.371 1.50	44	day.
July 1844	10 10 10	3 2 1	M M M	1. 25 1. 50 2. 00	44	61 61	Average	10	8	M	1.75	41	"
Average	10	6	м	1.46	48	44	July 1848	10 10	1 1 1	M	1.00 1.25	11	66 66
Jan. 1845	10 10 10	1 3 1	M M M	1.00 1.50 2.00	11 11	4.4 4.4		10 10 10	3 1	M M M	1.871 1.50 1.75	**	"
Average	10	5	М	1.50	44	**	Average	10	7	M	1.41	4.	4.6
J uly 1845	10 10 10	2 2 6	M M M	1, 25 1, 37½ 1, 50	66 66	6 6 6 4 6 4	Jan. 1849	10 10 10 10	1 1 2 1	M M M M	1.00 1.25 1.50 1.75	66	54 64 64
Average	10	10	м	1.421	"	**	Averag	10	5	M	1. 40	11	44
Jan. 1846	10 10 10 10	2 2 3 1	M M M M	1. 25 1. 37½ 1. 50 1. 75	6 6 6 6	6 6 6 6 6 4	July 1849	10 10 ,10 ,10	/1 1 1	M M M	1.00 1.37½ 1.50 1.75	"	44 44 44
Average	10	8	М	1.431	**		Average	10	4	м	1.40	14	44
J uly 1846	10 10 10	1 3 3 1	M M M M	1. 25 1. 371 1. 50 1. 75	61	61 61	Jan. 1850	10 10 10	1 1 1	M M M	1 00 1, 37½ 1, 50	11	66 66
Average	10	8	М	1.451	44	11	Average	10	1	M	1. 75	**	41
Jan. 1847	10 10 10 10	2 1 5 1	M M M M	1. 25 1. 37½ 1. 50 1. 75	41 41 , 44	6 6 6 6 6 6 6 6	July 1850	10 10 10	1 I 1	M M M	1.40 1.00 1.37 1.50	11	**
Average	10	9	м	1.46	**	6.6	Average	10	3	M	1. 29	61	**
July 1847	10 10 10 10	2 1 5 1	M M M M	1.25 $1.37\frac{1}{2}$ 1.50 1.75	66 66 66	46	Jan. 1851	10 10 10	1 3 2	M M M	1. 121 1. 25 1. 50	44	61 66 66

Average.

10

6 M 1.81

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

PATTERNMAKERS-Continued.

	=			WT 5		=						
Payron	Iours per day.	Different employés.	Sex.	Rate of wage	38.	Payroll ,	Hours per day.	Different employés.	Sex.	Rate	of w	ages.
July 1851	10 10 10	3 1 2	M M M	\$1, 25 per day 1, 37 t " " 1, 62 t " "	у.	Jan. 1857 - cone'd.	10 10 10,	2 1 1	M M M	\$1.75 1.874 3.00	рег	day.
Average	10	6	M	1. 391 " "		Average	10	8	M	1.75		
Jan. 1852	10 10 10 10	3 1 1 2	M M M M	1.25 " " " 1.37½ " " " 1.50 " " " 1.62½ " " "	∥	July 1857	10 10 10 10 10	1 1 2 1	M M M M M	1.25 1.50 1.75 $1.87\frac{1}{2}$ 3.00	44 44 44	44 44 66
Average	10	7	M	1.41 " "		Average	10	6		1. 854		**
July 1852	10 10 10 10	1 4 1 1	M M M	1.00 " " 1.25 " " 1.37½ " " 1.50 " "		July 1859	10 10	1 1	M M	1.25 $1.37\frac{1}{2}$	"	"
	10 10	•1	M	1.621 " "	- 11	Average	10	2	M	1,315	"	44
Average	10	10	M	1, 381 " "		Jan. 1860	10	2	M M	1.35 1.37½	**	**
Jan. 1854	16 10	1 1	M	1. 25 " " " 1. 37½ " "	- 11	Average	10	3	M	1. 29	11	4.6
	10 10 10	1 1	M M M	1. 50 " " " " " " " " " " " " " " " " " "	:	July 1860	10 10	1 1	M M	1. 25 1. 50	4.5	44
	10	1	М	2, 00 ''	·	Average	10	2	M	1.374	14	44
Average	10	7	M	1.57 "	- 1	Jan. 1861 July 1861	10 10	1 1	M	1. 62½ 1. 75		16
July 1854	10 10 10	1 2 1	M M M	1. 25 " " " " " " " " " " " " " " " " " "	:	Jan. 1862	10 10	1	M M	1. 25 1. 75	44	14
	10 10 10	2 1 1	M M M	1.75 " 1.87½ " 1.2.00 " 1.4	۱	Average		2	М	1.50	61	16
Average	10	8	M	1.651 " "		July 1862	10 10	2	M	1. 25 2, 00		14
Jan. 1855	10 10 10 10	1 3 1 1	M M M M	1, 25	4	Average Jan. 1863	10 10 10	3 1 2 2 1	M	1. 00 1. 37 1. 50		6.6 6.6 6.8
Average	10	7	M	1.691 "			10 10	1	M	1, 75 2, 00	4.6	41
July 1855	10	1	M	1.20	14	Average	10	7	М	1.50	i.	6.6
	10 10 10 10 10	2	M M M M M	1. 621 " " 1. 75 " " 2. 00 " " 2. 50 " "	16 14 11	July 1863	/ 10 / 10 10 10 10	2	M M M	1, 128 1, 25 1, 628 2, 00 2, 50	1.1	64 64
Average	10	7	M	1. 11	"	Average	3 10	8	M	1.72	- "	84
Jan. 1856	10 10 10 10	1 1	M M M	1.75 " 2.00 " 2.50 " "	4.E 6.6 4.6	Jan. 1864	10 10 10	1 2	M M M	1. 25 1. 62 1. 75 1. 87 2. 00		44 14 44
Average	10	6		1.8/9	4.6		10 10			2, 50	4.1	44
July 1856	10 10 10	2 2	M M	1. 62½ " 1. 75 "	61 61 66	Average		1		1.84	_	11
	10	_		2. 50		July 1864	100	1	M	1.87	3	14
Average		1 .		1. 73			10	1		2. 12 2. 25	} "	44
Jan. 1857	10 10 10	1	M	9 80 64	44	Averag		-) М		- 46	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

PATTERNMAKERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	e of	wages.
Jan. 1865	10 10 10 10 10	1 1 1 1	M M M M	\$1.87½ 2.00 2.12½ 2.37½ 2.50	per	day.	Jan. 1871 Average	10 10 10	1 1 1	M M M	\$1.50 2.60 2.75 2.281		day.
Average	10	5	M	-2. 17	44	44	1						
July 1865	10 10 10	1 1 1	M M M	2. 00 2. 12½ 2. 50	66 66	48 54 45	July 1871 Average	10 10 10	5	М М М	1. 70 2. 60 2. 75 2. 48		44
Average	10	4	M	$2.62\frac{1}{2}$ $2.31\frac{1}{2}$	"		Jan. 1872	10	2	м	2. 60		
Jan. 1866	10	1	м	2.00	64		0 an. 10,5	10	ī	M	2.75	44	44
Jan. 1800	10 10 10 10	1 1 1 1	M M M M	2. 12½ 2. 37½ 2. 50 2. 62½	44	6 8 6 5 6 6	Average July 1872	10 10 10	3 1 1	М	2.65 1.50	**	64 66
Average	10	5	М	2. 321	11	44		10 10	1	M	2.50 2.60 2.75	44	14
J uly 1866	10 10 10	1 1 1	M M M	$2.12\frac{1}{2}$ 2.25 $2.37\frac{1}{2}$	6 E	6 6 6 6	Average	10	5	М	2. 39		4.6
Average	10	5	М	2. 62 2 2 2 40	44	4.6	Jan. 1873	10 10 10	2 1 2 1	M M M	1.50 2.50 2.60	66	45 15 15
Jan. 1867	10 10 10 10	1 2 1 1	M M M M	2.25 $2.37\frac{1}{2}$ $2.62\frac{1}{2}$ 2.75	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	6 6 6 6 6 6	Average	10	6	М	2.75	41	"
Average	10	5	<u>М</u>	2. 471	**		July 1873	10 10	1	M M	1. 70 2. 60	64 64	44 . 44
July 1867	10 10 10	1 2 2	M M M	2, 37½ 2, 50 2, 75	66	44 64		10 10 10	1 1	M M	2. 75 2. 80 3. 00	11	65
	10	1	М	2.871	11	44	Average	10	5	M .	2. 57		
Average Jan. 1868	10	6	М	2. 621	**	44	Jan. 1874	10	4	М	2, 50	44	
Jan. 1008	10 10	1 2 1	71 71 71	2. 50 2. 75 2. 87½	44	"	July 1874	10 10 10	3	$\frac{M}{M}$	1, 50 2, 50 2, 70	64	44
Average	10	4	M	2.72	44	4.6	Average	10	5	М	2.34	y -	41
July 1868	10 10	2 2	M M	$\frac{2.50}{2.75}$	11	41	Jan. 1875	10	2	M	2. 50	11	44
Average	10	4	M	2. 62½	44	6.6	July 1875	10	1 1	M M	1.50		44
Jan. 1869	10 10	2 2	M	2.50	66	44		10	3	M M	2. 10 2. 50 2. 70		11
	10	1	N N	2. 75 3. 00	**	44	Average	10	6	<u>. —</u> .	2, 30		44
Average	10	5	M	2.70	11	64	Jan. 1876	10.	3	_M	2, 20	4.6	44
July 1869	10 10	2	N M	2. 50 2. 75	66	64		10	ĭ	žį.	2.50	14	**
Average	10	3	M	$2.58\frac{1}{2}$		"	Average	10	4	M	2. 27 <u>1</u>	"	44
J an. 1870	10 10	I 1	M	2, 60 2, 62 <u>1</u>	66	44	July 1876	10 10 10	1 1 1	M M M	2, 00 2, 20 2, 30	**	68 64
Average	10	2	M	2.611		ει	Average	10	3	71	2. 16	66	
July 1870	10 10 10	1 3 1	M M M	1, 50 2, 60 2, 75	1 £	43 64 , 46	Jan. 1877	10 10 10	1 1 1	M M M	1.70 2.20 2.30	44	41 41_ 11
Average	10	5		2.41	66		Average	10	3		2. 061		14

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

PATTERNMAKERS-Continued.

Payroll of—	lours per day.	Different employés.	Sex.	Rate of wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate of	wages.
July 1877	10 10	1	M M	\$1.70 per day. 2.70 " "	Jan. 1884	10 10 10	$\begin{smallmatrix} 3\\1\\1\\1\end{smallmatrix}$	M M M	\$2.20 per 2.70 " 2.80 "	day.
Average	10	2	М	2. 20 " "	\ Average	10	5	M	2. 42 "	44
Jan. 1878	10 10 10	1 1	М М	1. 50 " " " 1. 70 " " 2. 00 " " "	July 1884	10 10	1 2	M M	2. 00 " 2. 20 "	44
Average	10	3	М	1. 731 " "		10 10	1 1	M	2. 50 44	64
July 1878	10	1	M	1.70 " "	ĺ	10	1	М	2. 80 **	**
	10	1	М	2.00 11 11	Average	10	6	М	2.40 "	44
Average	10	2	М	1. 85 " "	Jan. 1885	10	1	M	1. 95 "	44
Jan. 1879	10 10	1 ₄ 1	M	1.70 " " " 1.90 " "		10 10	1	M M	2. 40 "	**
Average	10	2	М	1.80 "	Average	10	3	M	2. 281 "	**
July 1879	10	2	Й	1.70 " "	July 1885	10	1	M	1.80 "	44
	10	1	- M	1. 50		10	1 1	M	2.40 "	4.6
Average	10	3	M	1.702		10	1	M.	2.50 "	
Jan. 1880	10 10 10	1 1 1	M M M	1. 60 " " " 1. 70 " " 1. 90 " "	Average		4	М	2.16½ " 1.80 "	**
Average	10	3	М	1.731 " "	Jan. 1886	10	1	M	1.95 "	44
July 1880	10	1	M	1. 60 " "		10 10	1	M	2. 40	
0 u.y 1000	10 10	3	M M	2.00 " "	Averag	е 10	4	М	2. 161 '	44
Average	10	5	M	1.86 " "	July 1886	10	2	M M	1.80 1.95	
Jan. 1881	10 10	3 1	M M	1. 80 " " " 1. 90 " "		10	1 1	M	2.50	
Average	10	4	М	1.821 "	Averag	е 10	5	M	2 13 "	4.4
July 1881	10 10 10	1 3 2	M M M	1. 90 " " 2. 00 " " 2. 20 " " "	Jan. 1887	10 10	1 1	M	1. 80 1. 95 2. 50	46
Average		6	M	2. 05 " "		10	- 1	-	2.60	
Jan. 1882	10	1	M	1.90 " "	Averag			1	1.80 '	
V.II. 2002	10 10 10	1 1 2	M M M	2. 20 " " 2. 20 " " 2. 40 " "	July 1887	7 10 10 10	1	M	1. 95 2. 60	6 66
Average	10	6	M	2.15 " "	Averag	e 10	3	М	2. 11½ '	1 14
July 1882	10 10	1	M M	1.90 " " 2.00 " "	Jan. 1889	10 10	1	M	1.80 1 1.95 1 2.60	4.4
	10	1	M	2. 20 " "	Averag	·			2.111	
	10 10	1 1	M	2. 50 " "	·	`	1		1.90	
Average	10	7	м	2. 20 " "	July 188	10	i	M	2,00 '	4 44
Jan. 1883	10	1 .	М	2.00 " "		10	1	M	2.25	1 11
2	10 10	3		2. 20 " " " " "	Averag			_		4 41
Average	10	. 5	M	2.21 " "	Jan. 188	1	:			14 46
July 1883	10 10	1	M	2.70 "	, an. 300	10 10 10)		2.20	14 46
	10	-l <u>-</u>	-		Averag	ge 10	<u> </u>	1 M	2. 10	46
Average	e 10	-I 0	- Lax	1 2. 42	.,					

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK-Continued.

PATTERNMAKERS—Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	uay.	Different employés.	Sex.	Rate	of	wáges	== 3.
July 1889	10 10 10	2 1	M M M	\$1,70 1,75 2,00	per	day.	July 1890- conc'd.	10 10	1 1	M M	\$2, 50 2, 75	per	day.	_
	10	, 1	M	2, 20 2, 50	**	44	Average	10 .	7	м	2.18	44	44	٠
Average	10	6	M	1. 97½	44	er	Jan. 1891	10 10 10	1 1 1	M M M	1.80 1.85 2.20	66 66	66	
Jan. 1890	10 10	1	M M	1.70 1.75	4 6 4 6	# . # .		10 10 10	2 1 1	M M M	2. 25 2. 35 2. 50	46	66	
,	10 10 10	1 1	M M M	2. 00 2. 20 2. 25	66	44		10	2	M	2.75		44	
`	10	1	M	2. 50	61	"	Average	10	9	М	2. 30			
Average	10	. 6	M	2.061	**	44	July 1891	10 10,	3	M M M	1.80	44	66	
July 1890	10 10	1	M M	1.70 1.85	11	46		10 10 10	3 2	M	2. 20 2. 25 2. 50	, 11	44	
	10 10	î	M	2. 00 2. 20	44	11		10	î	M	2.75	**	44	
	10	î	M	2. 25	4.4	41	Average	10	9	М	2. 26	4.6	44	

PATTERNMAKERS' APPRENTICES.

	· · · · ·												
July 1844 Jan. 1845 July 1845 Jan. 1846	10 10 10 10	I 1 I 1	M M M	. 42 . 42 . 42 . 50	per	day.	Jan. 1855	10 10 10	2 1 1	M M M	.50 .58½ .66½	per	day.
July 1846 July 1848	10 10	1	M	.50	44	**	Average	10	4	М	. 56	6.6	4.6
Jan. 1849 July 1849	10 10	1	M	. 42	44	44	July 1855	10 10 10	1 2 1	M M M	. 50 . 581 . 661	66 66	4.6 6.6
Jan. 1850	10 10	1	M M	. 42 . 50	61	44	Average	10	4	м	. 581	"	46
Average		. 2	M	. 46	"	"	Jan. 1856	10 10:	, 2 , 1	M M	. 58	44	"
July 1850 Jan. 1851	10 30	1	M M	.42	46	44	Average	10	, 3	M	. 61	4.6	46
July 1851	10 10	1 1	M M	. 42	4+	44	July 1856 Jan. 1857 July 1857	10 10 10	2 1 1	M M M	. 581 . 661	6 6 6 6	44 14
Average	10	2	M.	. 46	**	44	July 1863 Jan. 1864	10 10	1	M	.42	64	16
J an. 1852	10 10	1 1	M M	. 42 . 50	44	44	July 1864 Jan. 1865 July 1866 Jan. 1867	10 10 10 10	1 1 1	M M M M	.661 .75	66	14 14 15
Average	10	2	M	. 46	**	**	July 1867 Jan. 1868	10 10 10	2 2	M	.50 .50	"	44
July 1852	10 10	2	M M	.42 .581	44	64	July 1868	10]	2	M	. 661	**	66
Average	10	3		. 471		**	Jan. 1869	10: 10	1	M M	. 66½ . 75	44	66
Jan. 1854	10	2	M	. 42	44	44	Average	10	2	M	. 701	**	46
	10 10 10	1 1 1	M M M	. 50 . 58½ . 66½	11	44	July 1869	10' 10. 10	1 1 1	M M M	.50 .661 1,00	88 88	66 66
Average	10	5	M	. 52	44	**	Average	10.	3	M	. 72	44	44
July 1854	10 10 10	$\begin{array}{c}1\\2\\2\end{array}$	M M M	. 42 . 50 . 661	6 6 6 6	44 44 41	Jan. 1870	10. 10 10	. 1 1 1	M M M	. 50 . 661 1. 00	61 61	66 66
A.verage	- 10	5	м	. 55	**	"	Average	10	3	<u>M</u>	.72	44	**

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Continued.

PATTERNMAKERS' APPRENTICES-Concluded.

	Hours	1		1			1							
Payroll of—	per day.	Different employés.	Sex.	Rate	of	wages.	Payrol of _	11	Honra per day.	Different employés.	Sex.	Rat	e of	wages
July 1870	10 10	1	M M	\$0. 65 , 85	per	r day.	July 18 Jan. 18	180	10 10	1	M	\$1. 20 1. 20		day.
Average	10	2	M	. 75	* *	4.6	Jan. 18 July 18	81	10 10	1	M M	. 50		44
Jan. 1871	10 10	1	M M	. 65 . 85	16	6 L 4 4	Jan. 18 July 18		10	1	M	. 70	6.6	44
Average	10	2	M	. 75	44	4.6			10	1	М	1,00		4.6
July 1871	10 10	1	M M	. 75 1. 00	11	46	Avera	_	10	2	M	. 80		
Average	. 10	2	M	. 871		44	Jan. 18	83	10	1 1	M M	. 60 1. 00		66
Jan. 1872	10	1	м	. 75		44	Avera	ıge	10	2	М	. 80	"	4.6
	. 10	1	_M_	1.00		44	July 18	83	10· 10	1 1	M M	.70 1.20	44	"
Average	10	2	М	. 871			Avera	ge -	10.	2		. 95		66
July 1872	10 10	1	M	. 50 1. 10	4.6	44	Jan. 18	84	10	1	M	. 70	11	44
Average	10	2	M	. 80	44	44	Avera		10	1	-M	1. 20	,	44
Jan. 1873 . Jan. 1874	10 10	1	M M	. 50	11	44	July 18	1	10	1	M M	1.00	6.6	44
July 1874	10	1	\mathbf{M}	. 50	- 11	1.5	Jan. 188	85	10	1	M	. 90	4.6	6.6
Jan. 1875 July 1875	10 10	1 1	M M	. 70	4.6	66	July 18a Jan. 188		10 10	1	M	. 50	66	6.6
Jan. 1876	10	i	M	. 85	64	1.1	July 18		10	2	M M	.50	44	4.6
	10	_					Jan. 188	87	10	$\frac{2}{2}$	\mathbf{M}	. 50	1.4	66
July 1876	10 10	1	M	. 50 . 85	**	66	July 188 Jan. 188		10 10	1	M M	.80	64	6.6
Average	10	2	М	. 67½	4 6	4.6	July 188	88	10 10	1 1	M M	. 50 1. 10	6.6	11
Jan. 1877	10 10	1 1	M M	. 50 1. 10	44	44	Avera	ge	10	2	M	. 80		44
Average	10	, 2	M	. 80		44	Jan. 188	89	10	1	м	. 50	44	+4
July 1877	10 10	1	M M	. 70 1. 10	66	44	A		10		M	1.10	44	44
Average	10	2	м	. 90	¢ £	14	Avera		10	2	М	. 80		
Jan. 1878	10	, -1	м	. 70	11	66	July 188 July 189		10 10	1 1	M	, 50 , 50	1.6	44
July 1878	10	î	M	. 85		4.6	Jan. 189		10	î	M	. 50	**	44
an. 1879	10	1	M	. 85	"	**	July 189		10	1	M	. 65	"	16
						WAT	CHMEN.							
Jan. 1844	13 13	1 1	M M	. 60 . 87½	per	day.	Jan. 184 July 184		13 13	1 I	M M	. 87½ . 87½	per	day.
Average	13	2	М	. 731	4.6	44	Jau. 184	Ł7 (13	1	м	. 75	44	14

Jan. 1844	13 13	1	M M	. 60 . 87½	per	day.	Jan. 1846 July 1846	. 13 13	1 I	M M	. 87 <u>1</u> . 87 <u>1</u>	per	day.
Average	13	2	М	. 73½	4.6	44	Jan. 1847	13 13	1 1	M M	. 75 . 87½	44	1 E
July 1844	, 13 , 13	1 1	M M	. 60 . 87½	"	. 11	Average	13	2	м	. 811	"	46
Average	13	2	M	. 73	14	"	July 1847	13	1	м	. 75	6 6	44
Jan. 1845	13 13	1 1	M	$.60$ $.87\frac{1}{2}$	6.6	"	"	13.		$\frac{M}{M}$. 87½ . 81¾	44	44
Average	13	2	м	. 731		6.4	Average	13	2	JVI.	. 513		
July 1845	13 13	1 1	M M	. 60 . 87½	44	44	Jan. 1848 July 1848	13 ₁	2	M M	. 871 . 871	44	66 66
Average	13	2	м	731	44	**	Jan. 1849 July 1849	13, 13	1	M M	. 873 . 873	66	**

METALS AND METALLIC GOODS: ESTABLISHMENT No. 68, NEW YORK—Concluded.

WATCHMEN-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of	wages.
Jan. 1850	13 13	1 1	M M	\$0, 75 87}	per	day.	July 1876 Jan. 1877	13 13	1 1	M	\$2.00 2.00	per	day.
Average	13	2	м	.813	6.6	66	July 1877 Jan. 1878 July 1878	13 13 13	· 1 1	M M M	2.00 2.00 2.00	44	"
July 1850	13 13	1 1	M M	.75 .87 <u>1</u>	**	"	Jan. 1879 July 1879	13 13 13	1 1	M M M	2.00 2.00 2.00 2.00	46	"
Δ verage	13	2	м	.813	**	**	Jan. 1880 July 1880 Jan. 1881	13 13	1 1 1	M	2.00 2.00 2.00	44	**
Jan. 1851	13 13	1 1	M M	. 75 . 87½	44	64	July 1881 Jan. 1882	13 13 13	1 1 1	M M M	2. 14½ 2. 14½ 2. 14½	44	44
Average	13	2	M	. 81 <u>1</u>	1.4	44	July 1882 Jan. 1883 July 1883	13 13	1 1	M M	2. 14½ 2. 14½	£ £	11
July 1851 Jan. 1852	13 13	2 2	M	. 871 . 871	44	**	Jan. 1884 July 1884	13 13 13	1	M M M	2. 14½ 2. 14½ 2. 14½	66	64 64
July 1852 July 1855 Jan. 1856	13 13 13	1 1 1	M M M	. 87½ 1. 25 1. 25	46	11	Jan. 1885 July 1885 Jan. 1886	13	1 1 1	M M	2. 14 2	11	44
July 1856 Jan. 1857	13 13	1 1	M	1. 25 1. 25	66	16	July 1886 Jan. 1887	13	1 1	M	2. 14 5 2. 14 5	"	44
July 1857 Jan. 1858 July 1858	13 13 13	1 1 1	M M M	1. 25 1. 25 1. 25	66	"	July 1887 Jan. 1888 July 1888	13 13 13	1 1 1	M M M	2. 14½ 2. 14½ 2. 14¾	66	66
July 1873 . Jan. 1874	13 13	1 1	M	2.00	**	**	Jan. 1889 July 1889	13 13	1 1	M M	2. 14½ 2. 00	44	## ##
July 1874 Jan. 1875	13 13 13	1 1 1	M M M	2.00 2.00 2.00	66	"	Jan. 1890 July 1890 Jan. 1891	13 13 13	1 1 1	M M M	2.00 2.00 2.00	66	66 66
July 1875 Jan. 1876	13	1	M	2.00	"		Jan. 1891 July 1891	13	1	M	2.00	**	ii.

METALS AND METALLIC GOODS: ESTABLISHMENT No. 69, NEW YORK.

BLACKSMITHS.

July 1876	10 10	1	M M	2. 12½ per day. 2. 25	Jan. 1882	10 10	1	M M	2.50 3.25	per	day.
Average	10	2	м	2.183 " "	Average	10	2	м	2.874	1.6	41
Jan. 1877 July 1877 Jan. 1878	10 10 10	1 1 1	M M M	2. 25 " " 2. 25 " " 2. 50 " "	July 1882	10 10	1	M M	2, 50 3, 25	16	"
July 1878 Jan. 1879	10 10	1 1	M M	2.50 " "	Average	10	2	M	2.871	44	44
July 1879	10	1	M	2.00	Jan. 1883	10 10	1	M	2.50	6 6 6 6	16
Jan. 1880	10 10	1	M M	2.75 " "	Average	10	2		2.87		, .
Average	10	2	М	2. 371 " "	July 1883	10	1	м	2, 50	44	46
July 1880	10 10	1	M M	2. 15 " " " 2. 75 " "	3 uly 1003	10	1	M	3. 25		44
Average	10		M	2.45	Average	10	2	M	2. 87	"	**
Jan. 1881	10 10	1	M M	2. 25 44 44 3. 00 44 44	Jan. 1884	10 10	1 1	M	2.50 3.25	44	45
Average	10	2	м	2.621 " "	Average	10	2	М	2.871	16	ıı
July 1881	10 10	1	M M	2, 30 " " " 3, 20 " "	July 1884	10 10	1 1	M M	2. 50 3. 25	44	6 E
Average	10	2	М	2.75 " "	Average	10		M	2.874	- 66	41

*METALS AND METALLIC GOODS: ESTABLISHMENT No. 69, NEW YORK—Continued.

BLACKSMITHS-Concluded.

Payroll of—	Hours per day.	Different employes.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vag c s.
Jan. 1885	10 10	1 1	M M	\$2, 50 3, 25	per	day.	July 1888	10 10 10	1 1 1	M M M	\$2.45 2.50 3.25	per	day.
Average	10	2	M	2.87	44	ει	Average		3	M	2. 731		4.6
J uly 1885	10 10	1 1	M M	2, 25 3, 25	11	6 F 6 S	Jan. 1889	10 10	1	M M	2.40 2.45	44	61
Averagé	10	2	М	2, 75		**		10 10	1 1	M M	2. 50 3, 25	44	"
Jan. 1886	10	1 1	M M	2. 25 3. 25	66		Average	į.	4	M	2. 65		
Average			М	2, 75	41	44	July 1889	10 10 10	1 1 1	M M M	2. 45 2. 50 3. 25	11	**
J uly 1886	10 10	2	M	2, 25		44	Average	10	3	M	2.731		£ t
Average	10	3	М	2.583		44	Jan. 1890	10 10 10	1 1 1	M M M	2. 45 2. 50 3. 25	6 E 6 E	14 14
Jan. 1887	10 10	2	M M	2. 25 3. 25	66	46	Average		3	M	2.731		ıı
Average	. 10	3	М	2.581	14	ıı	July 1890	10 10	1	M M	2, 50 2, 75	66	**
July 1887	10 10	1	M	2. 45 2. 50	11	61	Average	10	2	M	2. 621	41	6.6
Average	10	3	M	2. 734		**	Jan. 1891	10	1 1	M M	2. 50 2. 75	46	44
0.	10	1	M	2. 40		1.6	Average	10	2	M	2. 621	. "	66
Jan. 1888	10 10	1 1	M	2. 50 3. 25	66	4.6	July 1891	10 10		M	2. 50 2. 75	44	
Average	10	3	M	2.71	} ···	4.6	Average	10	2	м	2. 62		44

BLACKSMITHS' HELPERS.

Jan. 1881 July 1881	10 10	1	M M	1.60 1.70	per	day.	Jan. 1885	10 10	2 1	M M	1. 60 1. 85	per	day.
Jan. 1882	10	1	M	1.70			Average	10	3	M	1.681	**	44
July 1882	10 10 10	1 1 1	M M M	1.50 1.60 1.85	44	"	July 1883	19	, 3	м	1.50	"	86
Average	10	3	M	1.65	. ,,	16	Jan. 1886	10 10	2_1	M	1.50 1.60	16	66
Jan. 1883	10 10	1 1	M M	1.50 1,60	11	4.6	Average	10	3	M	1.531	4.4	4.6
1 4 3 ·	10	1	M	1.85		66	July 1886	10	8 1	M M	1.50 1.75	44	11
Average	10	3	M	1.65	44	45		10					4.6
July 1883	10 10	2 1	M M	1.60 1.85	66	44	Average	10	4	M	1.564	••	
Average	10	3	м	1. 68	"		Jan. 1887	10 10	1 3	M M	1.35 1,50	14	16
Jan. 1884	10 10	2 1	M M	1.60 1.85	14	66	Avorage	10	5	М - М	1.70		"
Average	10	3	M	1.68	."	4.6	1						
July 1884	10 10	3 1	M M	1. 60 1. 85	6.6	16	July 1887	10 10	1	M M	1.60 1.80	**	44
Average	10	4	M	1.66	· "	**	Average	10	5	М	1.64	44	61

METALS AND METALLIC GOODS: ESTABLISHMENT No. 69, NEW YORK—Continued.

BLACKSMITHS' HELPERS-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payrolf of—	Hours per day.	Different employés.	Sex.	Rate	of t	wages.
Jan. 1888	10 10	6 1	M M	\$1,60 1,80	per	day.	Jan. 1890	10 10	8 1	M M	\$1.60 1.80	per	day.
Average	10	7	М	1. 63	4.4	44	Average	10	4	М	1.65	44	**
July 1888	10 10	5 1	M M	1. 60 1. 80	44	**	July 1890	10 10	2 1	M M	1.60 2.00	**	44
Average	10	6	M	1. 631	6.6	44	Average	10	3	M	1.731	16	44
Jan. 1889	. 10 10	3 1	M M	1.60 1.80	46	**	Jan. 1891	10 10	1 1	$_{\mathbf{M}}^{\mathbf{M}}$	1. 60 1. 80	44	"
\mathbf{A} verage	10	4	M	1. 65	46	4.6	Average	10	2	M	1.70	**	66
July 1889	10 10	3 1	M M	1.60 1.80	61	**	July 1891	10 10	1 1	M M	1.60 2.00	11	"
Average	10	4	M	1.65	"	44	Average	10	2	м	1.80	44	**

DRAUGHTSMEN.

Jan. 1870 July 1870	10 10	1 1	M M	1.75 1.75	per	day.	July 1885	10 10		1	M	2. 25 2. 871	per	day.
Jan. 1871 Jan. 1873	10 10	1	M	1.75 2.75	46	46	Average	10	•	2	M	2.561	11	
July 1875 July 1876	10 10	1	M M	2.40 2.30	**	11	Jan. 1886	10		1	м	2, 25		44
Jan. 1877 July 1877	10 10	1 1	M	2.30	64	41	San. 1000	10		1	M	2. 871	**	" -
Jan. 1878 July 1878 Jan. 1879	10 10 10	1 1 1	M M M	2, 30 2, 30 2, 30	11	11	Average	10		2	М	2. 56}	f E	46
July 1879 Jan. 1880	10 10	1 1	M M	2.30 2.30	"	44	July 1886	10 10		1	M M	2.25 2.87*	4.6 4.6	44
July 1880 Jan. 1881	10 10	1	M	2.50 2.50	14	44	Average	10		2	м	2. 561	-64	**
July 1881 Jan. 1882	10 10	1	M M	2. 62½ 1. 80	11	44	Jan. 1887	10		1	МÍ	2.30	44	"
0 an. 1002	10	1.	M	2. 621	14	44		10		1	M	2.87	44	
Average	10	2	М	2. 211	"	44	Average	10		2	М	2. 581		
July 1882	10	1	M	1, 90 2, 75	66	66	July 1887	10 10		1	M M	2.50 3.00	4.6	46
Average	10	. 2	М	2. 321	4.5	"	Average	10		2	М	2. 75	tt	46
Jan. 1883	10 10	1	M M	2. 15 2. 87 ₂	6.6	66	Jan. 1888	10 10		1	M M	2, 50 3, 00	66	£ 6
Average	10	2	M	2.511	44	**	Average	10		2	М	2. 75	64	**
July 1883 Jan. 1884	10	1	M	2. 25	**	**	July 1888	10		1	м	2.50	44	16
0 all, 1004	10	1	M	2. 25 2. 87½	44	**	Average	10	—	1 2	M	2, 75		
Average	10	2	M	2.561	4.5	44	_ [_			14	
July 1884	10 10	1	M M	2.25 $2.87\frac{1}{2}$	66	66	Jan. 1889	10 10		1	M	2. 50 3. 00	11	**
Average	10	2	М	2. 561	1.6		Average	10		2	М	2. 75	4.4	44
Jan. 1885	10 10	1	M M	2.25 $2.87\frac{1}{2}$	4.6	66	July 1889	10 10		1	M M	2.50 3.00	**	44
Average	10	2	М	2. 561	14	**	Average	10		2	M	2. 75	**	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 69, NEW YORK—Continued.

DRAUGHTSMEN-Concluded.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan. 1890	- 10 10	1 1	M M	\$3.00 3.50	per	day.	Jan. 1891	. 10 . 10	1 1	M M	\$3.00 3.50	per	day.
Average	10	2	M	3. 25	4.6	11	Average	10	2	М	3. 25		46
J uly 1890	10 10	1	M M	3. 00 3. 50	46	64 61	July 1891	10 10	1 1	M M	3. 00 3. 50	66	66 44
Average	10	2	М	3. 25	14	41	Average	10	2	M	3. 25	"	44

ENGINEERS.

	1 I					B I					
July 1873	10	1	M	2.25	per day.	Jan. 1884	10	1	M	2.00	per day.
July 1876	10	1	M	2.00	-11 11	July 1884	10	1	M	2.00	- 11 11
Jan. 1877	10	1	M	2.00		Jan. 1885	10	1	M	2.00	46 46
July 1877	10	1	M	2, 25	44 41	July 1885	10	1	M	2.00	** **
Jan. 1878	10	1	M	2.50	11 11	Jan. 1886	10	1	\mathbf{M}	1.75	
July 1878	10	1	M	1.62	66 66	July 1886	10	1	M	1.75	44 66
Jan. 1879	10	1	M	1.33	13 11	Jan. 1887	10	1	M	1.75	44 46
July 1879	10	1	M	1.66	£\$ 4£	July 1887	10	1	\mathbf{M}	1.75	44 46
Jan. 1880	10	1	M	1.66%		Jan. 1888	10	1	M	1.90	16 66
July 1880	10	1	M	1.80		July 1888	10	1	\mathbf{M}	1.90	** **
Jan. 1881	10	1	M	1.80	** **	Jan. 1889	10	1	\mathbf{M}	1.90	66 64
July 1881	10	1	M	1.80	14 11	July 1889	10	1	\mathbf{M}	2.00	21 41
Jan. 1882	10	1	M	2.00	66 66	Jan. 1890	10	1	\mathbf{M}	2,00	80 60
July 1882	10	1	M	2.00	66 64	July 1890	10	1	\mathbf{M}	2.00	44 44
Jan. 1883	10	1	M	2.00	44 44	Jan. 1891	10	1	\mathbf{M}	2.00	44 44
July 1883	10	1	M	2,00	46 46	July 1891	10	1	M	2.00	44 44
	-							1			

FOREMEN, MACHINISTS.

July 1864	10 10	2 1	M M	4. 00 5. 00	per	day		July 1876 Jan. 1877 July 1877	10 10 10		1	M M M	3, 25 3, 25 3, 25	per	day.
Average	10	3	м	4. 331	11	t t		Jan. 1878	10 10 10		1	M	3. 25 3. 25	14	66
Jan. 1865	10 10	2 1	M M	4.00 5.00	66	44		July 1878 Jan. 1879 July 1879	10 10		1	M	8.75 3.75	11	44
Average	10	3	M	4. 331	4.6			Jan. 1880 July 1880	10 10		1	M	3, 75 3, 75	64	66
J uly 1865	10	2	м	4.00	£4	44		Jan. 1881 July 1881 Jan. 1882	10 10 10	1	1 1	M M M	4.00 4.00 4.00	14	46
·	10	1	<u>M</u>	5.00		46		July 1882 Jan. 1883	10 10		1	M	4, 00 4, 00	14	6 6 6 6
Average	10	3	M	4.33½				July 1883 Jan. 1884	10 10		$\frac{1}{1}$	M M	4.75 4.75	46	44
Jan. 1866 July 1866	10 10	1 3	M	3.00	44	44		July 1884 Jan. 1885	10 10		1 1	M	4.75 4.75	46	6.6
Jan. 1867 July 1867	10 10	1 2	M	3.00	6.6	66		July 1885 Jan. 1886	10 10		$\frac{1}{1}$	M	4.75 4.75	11	66
Jan. 1868 July 1868	10 10	$\frac{\tilde{2}}{1}$	M	3,00 2 87h	11	11		July 1886 Jan. 1887	10 10		1	M	4.75 4.75	6.6	44
Jan. 1869 July 1869	10 10	1 1	M	2.87½ 3.00		**		July 1887 Jan. 1888	10 10		1	M M	4. 75 4. 75	41	16
Jan. 1870 - July 1870	10 10	1 1	M M	3, 00	44	44		July 1888 Jan. 1889	10 10		1	M M M	4.75 4.75 4.75	44	66
Jan. 1871 Jan. 1873	10 10	1	M	2.871	11	66		July 1889 Jan. 1890 July 1890	10 10 10		1 1 1	M M	4. 75	66	6.6
July 1873 Jan. 1874 July 1875	10 10 10	1 1	M M M	3. 25 3. 25 3. 25	11	44	•	Jan. 1891 July 1891	10 10		î 1	M	4.75 4.75	44	66
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METALS AND METALLIC GOODS: ESTABLISHMENT No. 69, NEW YORK—Continued.

FOREMEN, PATTERNMAKERS.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of wages.	Payroll of-	Hours per day.	Dinerent		Rate	of wages
Jan. 1885 Tuly 1885 July 1886 Jan. 1887 July 1887 Jan. 1888 July 1888	10 10 10 10 10 10 10	1 1 1 1 1	M M M M M M	\$3.50 3.50 3.50 3.50 4.00 4.00 4.00	per day.	Jan. 1889 July 1889 Jan. 1890 July 1890 Jan. 1891 July 1891	10 10 10 10 10 10	1 1 1 1 1	M M M M M M	\$4.00 4.00 4.00 4.00 4.00 4.00	per day.
	l.,.	-			МАСЬ	IINISTS.		'		<u>'</u>	
Jan. 1851	10 10	4	M M	1. 25 1. 37½	per day.	Jan. 1855	10 10	1 2	M M	1. 25 1. 50	per day.

Jan. 1851	10 10 10 10 10	1 4 1 3 1	M M M M M	1. 25 1. 37½ 1. 50 1. 75 2. 00 2. 25	per	day.	Jan. 1855	10 10 10 10 10 10	1 2 3 11 4	M M M M M	1. 25 1. 50 1. 75 2. 00 2. 25 2. 50	per	day.
Average	10	14	M	1.60	11	"	Average	10	23	M	1.98		44
July 1851	10 10 10	1 6 4	M M M	1.25 1.50 2.00	44	14	July 1855 Jan. 1856	10	12 37	M M	2.50	66	16
Average	10	11	М	1.66		66	1	10	1	M	2. 50	11	**
Jan. 1852	10 10	7 4	M	1. 25 1. 50	66	44	Average	10	38	М	2.01	64	**
	10 10 10	2 2 1	M M M	1.75 2.00 2.75	11	66	July 1856 Jan. 1857	10 10	40 30	M M	2.00 2.00	44	46
Average	10	16	M	1.561	"	66	July 1857	10 10	32 2	M	2.00 2.25	11	**
July 1852	10 10	1 14	M M	1. 25 1. 50	"	44	Average	10	34	М	2.011	4.4	44
	10 10 10	13 13	M M M	1. 75 2. 00 2. 25	11	64 64 66	Jan. 1858	10 10 10	1 4 8	M M M	1. 25 1. 50 1. 75	16	66 66
Ачетаде	10	31	M	1.74	44	44		10 10	1	M	2.00 2.25	6.6	66
Jan. 1853	10 10 10 10 10	4 11 6 14 2	M M M M M	1. 25 1. 50 1. 75 2. 00 2. 50	6 6 6 6 6 6 6 6	6 6 6 6 6 6 6 6	Average Jan. 1859	10 10 10 10	15 4 2 6	M M M M	1. 70 1. 25 1. 37½ 1. 50	66 66 61	£ £ £ £ £ £
Average	10	37	M	1.751	4.6	"		10	ĭ	M	2.00	44	4.6
July 1853	10 10 10 10	12 2 8 1	M M M M	1.50 1.75 2.00 2.50	14	44 44 44	Average July 1859	10 10 10 10	13 16 3 6	M M M M	1. 44 1. 25 1. 37½ 1. 50	6 E E E E E E E E E E E E E E E E E E E	66
Average	10	23	M	1.74		**	-	10	3	М_	2.00	4.6	44
Jan . 1854	10 10 10 10	· 12 2 7	M M M	1. 25 1. 50 1. 75 2. 00	6 6 6 6 6 6	64 66 61	Average Jan. 1860	10 10 10	28 2 8 9	M M M	1. 39½ 1. 25 1. 37½ 1. 50	66	44
Average	10	23	M	1, 65	44	**		10 10	2 4	M	1.624 1.75	11	"
July 1854	10 10	16	M M	1. 25 1. 50	11	"	' Average	10	25	M	1.49	11	**
	10 10 10 10 10	4 11 2 2 2 1	M M M M M	1. 75 2. 00 2. 25 2. 50 3. 00	6 6 6 6 6 6 6 6	11 11 11	July 1860	10 10 10 10 10	8 4 3 3 1	M M M M	1: 25 1. 371 1. 50 1. 621 2. 00	11 11 14 44	16 66 66
Average	10	27	M	1. 911	11	**	Average	10	17	М	1. 431	**	**

METALS AND METALLIC GOODS: ESTABLISHMENT No. 69, NEW YORK—Continued.

MACHINISTS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex.	Rate of wages.	Payroll of -	Hours per day.	Different employés.	Sex.	Rate of wages.
Jan. 1861	10 10 10 10 10	- 5 9 1	M M M M	\$1.25 per day. 1.37	Jan. 1865- conc'd. Average	10 10	14 4	M M	\$2.75 per day. 2.33½ " "
A verage		18	M	1.47 " "	July 1865	10 10 10	5 6 3	M M M	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
July 1861	10 10 10 10 10 10	3 9 2 2 1	M M M M M M	1. 25		10 10 10 10 10 10 10	2 1 1 5 1 10 4	M M M M M M	1.87± " " " 1.2.100 " " 1.2.25 " " " 1.2.37± " 1.2.37± " 1
Average	-	20	М	1.52 " "		10	14 5	M M M	2.873 " "
Jan. 1862	10 10 10 10 10	6 21 3 4 1	M M M M	1. 37½ " " " " 1. 50 " " " " " " " " " " " " " " " " " "	Average Jan. 1866		61	M	2.361 44 44
Averag	l	35	M	1.54 " "	1	10 10	1	M	1.75
July 1862	1	8 1 9	M M M	1.50 " " " 1.62½ " " 1.75 " " 1.87½ " "		10 10 10 10 10	4 8 8 15 2	M M M M	2. 37½ 16 16 16 2. 50 2 16 16 16 16 16 16 16 16 16 16 16 16 16
	10 10	2	M	2. 62 1 " "	Average	10	43	M	2. 501
Averag	e 10	22	M	1.72 " "	July 1866	10 10	3 2	M	1. 50
Jan. 1863	10 10 10 10 10	4 1 7 1 2	M M M M M	1. 50 " " " 1. 62½ " " " 1. 75 " " " 1. 87½ " " " 1. 2. 00 " " "		10 10 10 10 10 10	1 1 7 13 21 6	M M M M M	2.00 " " " 2.12½ " " 2.50 " " " 2.62½ " " " 2.75 " " " 2.87½ " " " 2.87½ " " " " 2.87½ " " " " " " " " " " " " " " " " " " "
Averag	e 10	15	М	1.711 " "	Average	<u> </u>	54	M	2.57 " "
July 1863	10 10	1	M M	1. 50 " " "	Jan. 1867	10 10	1 2	M M	1. 62½ " " 1. 75 " "
Averag	e 10	2		1.621 " "	1	10 10 10	1 1	M M M	2. 12½ " " 2. 25 " " 2. 37½ " "
Jan. 1864 July 1864		7 8 3	M M	1.50 " " 1.62½ " "		10 10 10 10	10 13 15 6	M M M M	2. 50
	10 10 10	1 3	M M M	2. 00 " " " 2. 121 " " 2. 25 " " "	Average		50	M M	2.59 " "
	10 10 10 10 10 10	1 18 6 1 9	M M M M	2.50g	July 1867	10 10 10 10 10	1 1 2 18 1	M M M M M	2. 25
A :	10	63		2. 294 " "	Average	1	24	M	2.67 " "
Averag Jan. 1865		7 7 4 1 3	M M M M M	1. 50	Jan. 1868	10 10 10 10 10 10 10	1 4 1 2 5 1 1	M M M M M M M	2. 40
	10 10	15		2. 50 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Average	10	15	M	2.624 "

METALS AND METALLIC GOODS: ESTABLISHMENT No. 69, NEW YORK—Continued.

MACHINISTS-Continued.

Payroll of—	Hours per day.	Differen employés		Rate	of	wages.	Payroll of—	Hours per day.	Different employés	Sex	Rat	te o	f wa _į	ges.
July 1868	10 10 10 10 10 10 10 10	- 3 10 11 1 2 6	M	\$2. 37½ 2. 40 2. 50 2. 60 2. 65 2. 70 2. 75 2. 87½	per	rday.	Jan. 1873 conc'd.	10 10 10 10 10 10 10 10	1 3 2 4 1 5 4	M M M M M M M	\$1. 70 1. 75 2. 00 2. 50 2. 60 2. 65 2. 75 -2. 87		4 44	y.
Average	10	27	M	2.581	44	11	Average	e 10	25	M	2. 27		4 44	
Jan. 1869	10 10 10 10 10	1 2 4 5 1	M M M M	1.75 2.50 2.70 2.75 2.87½	44	66 66 66	July 1873	10 10 10 10 10 10	4 1 3 1 2	M M M M M	1. 75 1. 80 2. 00 2. 25 2. 50 2. 60	11 11 11		
Average	10	13	М	2.63	4.6	44	1	10	5 3	M	2.65	44	66	
July 1869	10 10 10 10	1 1 1 4	M M M M	1. 75 2. 25 2. 37½ 2. 50	66 66	44 44 46		10 10 10	1 1 1	M M M	2. 75 2. 85 2. 87 <u>1</u> 3. 00	44	66 65 64	
	10 10	1	M	2. 62½ 2. 65	"	44	Average	10	23	M	2.381	44	"	
	10 10 10	2 7 2	M M M	2. 70 2. 75 2. 87½	44	44 45 65	Jan. 1874	10 10 10	2 2 2	M M M	2.00 2.50 $2.62\frac{1}{2}$	61 61 14	66 66	
Average	10	20	M	$2.60\frac{1}{2}$	6.6	**	Average	10	6	M	$2.37\frac{1}{2}$	44	**	
Jan. 1870	10 10 10 10 10 10	5 1 2 9 1	M M M M M	2. 00 2. 12½ 2. 20 2. 25 2. 37½ 2. 50	66 66 66 66 66	66 66 66 41	July 1875	10 10 10 10 10	1 1 1 2 2	M M M M	2. 00 2. 12½ 2. 20 2. 30 2. 40	64 64 66 66	66 66	į
1	10	1	M	2.60		44	Average	10	-7	М	2. 241	66	**	
	10 10 10 10	5 2 7 3	M M M	2. 871	44	64 66	July 1876	10 10 10 10	1 2 1 1	M M M	1. 60 2. 00 2. 12\frac{1}{2} 2. 15	4 E	46 66	
Average	10	45	M	2. 20	16	"		10 10	1	MM	2. 20 2. 25	6 6 6 E	11	
July 1870	10 10 10	1 2 10	M	2, 20 2, 25	66 66 66	66 66		10	4 I	M M	2.30 3.25	18	**	
Ì	10 10	11	M	2. 50	1 6	16	Average	10	12	M	2. 23	61	41	
	10 10 10 10 10	1 2 1 1 6	M M M	2. 62 1 2. 65 2. 70		41	Jan. 1877	10 10 10 10	1 1 1 4		1. 75 2, 12 1 2. 15 2. 30	44 44 44	66 46	
	10	3			41	44	A verage	10	7	M	2. 171	"	66	
Average Jan. 1871	10 10	40		D. 1217		**	July 1877	10 10 10	3 1	M	1. 75 1. 80	11	**	
	10 10	2 8	M 3	3. 20		11		10	1 4	M	1.871 1.90	66	16	1
	10 10 10	10 3	M M	2. 37 <u>1</u> 2. 50		41		10 10 10	6 2 1	M	2. 00 2. 10 2. 12 <u>}</u>	44	14	
	10	1.	M 2	2. 621 C	14	44	Average	10	18	м	1. 931	41	"	
	10 10 10	1 4 2	M 2 M 2	3. 70 3. 75	16	64	Jan. 1878	10 10 10	1	M M	1, 70 1, 75	66 68	66 61	
Average	10	34	M 2	. 481				10	4	M M	1. 80 1. 85	44	46	
an. 1873	10 10	1		. 50				10 10 10	1 9	M []	1.90		46 46	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 69, NEW YORK--Continued.

MACHINISTS Continued.

				MACHINISTS	Continue	u.				
Payroll of-	Hours per day.	Different employés.	sex.	Rate of wages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate o	f wages.
Jan. 1878- cone'd.	10 10	4 2	M M	\$2. 10 per day. 2. 12½ ""	Jan. 1881- conc'd.	10 10 10	4 5 8	M M M	2, 20 2, 25	er day.
Average	10	37	М	1. 87 " "		10 10	4 5	M M		84 (4 66 56
July 1878	10	2	M	1.75 " "		10	2 5	М	2.45	16 54 66 '86
-	10 10	$\frac{1}{2}$	M	1.90 "	•	10 10	1	M M		16 16
,	10 10 10	4 4 1	M M M	2. 00 " " " 2. 10 " " 2. 25 " "	Average	10	48	M	2.20	11 41
Average	10	14		1.983 " "	July 1881	10 10	1	M	2. 00	64 66
Jan. 1879	10	1	м	1.50 ""		10 10	1 3	M	1 4.10	11 44
1 WIT. 1019	10	1	M	1.65 " "		10 10	2 4	$\frac{\overline{M}}{M}$	2, 30	11 44
	10 10	5 5	M M	1.75		10	4	М	2.40	66 66
	10 10	1	M	1. 871 " " 1. 10 1.		10 10	2 4	M		11 11
	10	7 3	\mathbf{M}	2.00 11 11		10	2 2	M	2, 60	16 16
	10 10	2	M M	2. 20 " "		10 10	1	M		16 44
	10 10	1	M M	2. 25 " " " 2. 50 " "	Average	10	27	_ <u>м</u>	2.381	44 44
Average	10	36	M	1.91 " "	Jan. 1882	10 10	2 2	M		14 84
July 1879	10	3	M	1.75 " "		10	2	M	2. 10	66 66
	10 10	2	M	1.80 " "		10 10	1 2	M		14 . 85
	10	2	M	1.90 " "		10	4 7	M	2.35	44 44
	10 10	4	M	2.10 " "		10 10	2	M	2.45	** **
	10 10	5 1	M M	2. 20 " " " 2. 25 " "		10 10	8 4	M M		44 66
	10	i	M	2.50 " "		10	2	M	2.70	11 16
Av erage	10	20	М	2.011 " "	Average	10	37	M	2. 391	
Jan. 1880	10 10	2 5	M	1.70 " "	July 1882	10	1	м	1.10	
	10	1	M	1. 80 14 44	July 1002	10	3	M	2.00	44 46
	10 10	5 3	M	1.90 " "		10	4	M	2. 25	11 11
	10 10	14	M M	2.00 " "		10	1 6	M	1 2 30	16 68
	10	4	M	2. 20 " "		10	4	M	2.40	11 11
	10 10	1 1	M	2.30 " "		10	7	M	2.50	16 44
	10	ī	M	2.60		10 10	3 5	M		16 46
Average	10	38	М	1.971 " "		10 10	1 1	M M M	2. 75 2. 80	44 14 11 11
July 1880	10 10	2	M	1. 621 " "		10			1	44
	10 10	1 1	M	1. 75 " " " 1. 85 " "	Average	10	41	M	2. 111	
	10	4	M	1. 90 " "	Jan. 1883	10 10	4 4	M	1.10	11 44
	10 10	5 5	M	2.10 " "		10	3	M	2.35	11 46 66 66
	10	4 10	M	2. 15 " " " 2. 20 " "		10 10	8 2	M	2.45	
	10 10	3	M	2. 25 " "		10	10	M		1 11
	10 10	1 4	M	2.45 " "		10	1	M	2, 80	11 11
	10	2	M	2. 50 " "		10	1	M	3.00	44
Average Jan. 1881	10	43	M	1.80 " "	Average	1	41	M	$2.43\frac{1}{2}$ 2.00	66 46
I	10 10	1 1	M	1.85 " "	July 1883	10	2	M	2. 35	44
	10 10 10	3 7	M	2. 00 " " "		10	1 4	M M	4.018	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 69, NEW YORK—Continued.

MACHINISTS-Continued.

Payroll of—	Hours per day.	Different employés.		Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	-
July 1883- conc'd.	10 10 10 10 10 10 10	2 7 1 6 1 1 1 29	M M M M M M	\$2.45 2.50 2.60 2.70 2.85 3.00 3.25	d d	64 64	July 1886- cone'd.	10 10 10 10 10 10 10 10	1 3 7 6 8 2 1	M M M M M M M	\$2. 00 2. 10 2. 20 2. 25 2. 30 2. 40 2. 50 2. 62 2. 87	44 44 44	day.	
Jan. 1884	10	1	М	2.00	"		Average		32		2, 30	66	6.6	
	10 10 10 10 10 10 10 10 10 10	1 3 4 2 3 15 1 1 1	M M M M M M M M M M M	2. 10 2. 20 2. 25 2. 35 2. 40 2. 45 2. 50 2. 60 2. 70 2. 85 2. 87 3. 00 3. 25	44 44 44 44 44 44 44 44 44 44 44 44 44		Jan. 1887	10 10 10 10 10 10 10 10 10 10	1 1 2 2 3 10 7 11 2 1	M M M M M M M M M M	1. 75 1. 87½ 2. 00 2. 10 2. 20 2. 25 2. 30 2. 40 2. 50 2. 87½ 3. 00	66	64 64 64 64 64 64 64 64 64	
Average	10	43	м-	2.491	6.4	11	Average	10	41	M	2.30	1.4	**	
July 1884	10 10 10 10 10 10 10 10 10 10 10	1 1 2 2 2 2 2 3 2 7 2 5 1	M M M M M M M M M	1. 87½ 2. 10 2. 20 2. 30 2. 35 2. 40 2. 45 2. 50 2. 60 2. 70 2. 85 2. 87½	44 44 44 44 44 44 44 44 44 44 44 44 44	11 11 11 11 11 11 11 11 11 11 11 11 11	July 1887	10 10 10 10 10 10 10 10 10 10	1 4 1 10 9 4 7 5 7 5	M M M M M M M M M M	1. 75 2. 00 2. 20 2. 25 2. 30 2. 35 2. 40 2. 45 2. 50 2. 55 2. 75 3. 00	44 44 44 44 44 44 44 44 44 44 44 44 44	64 65 64 65 64 65 66 66 66 66 66 66 66 66 66 66 66 66	
	10	1	M	3. 25	4.1	64	Average	10	55	М	$2.35\frac{1}{2}$		44	
Average Jan. 1885	10 10 10 10 10 10 10 10 10 10 10 10 10	30 1 2 1 1 3 2 6 1 5 1 1 1	M M M M M M M M M M M M	2. 50 2. 20 2. 25 2. 30 2. 35 2. 40 2. 45 2. 50 2. 60 2. 70 2. 85 2. 87 3. 00 3. 25		64 65 66 66 66 66 66 66 66 66	Average	10 10 10 10 10 10 10 10 10 10 10 10 10 1	2 1 8 2 13 7 6 10 6 12 6 1	M M M M M M M M M M M M	1. 75 1. 90 2. 00 2. 20 2. 25 2. 30 2. 35 2. 40 2. 45 2. 50 2. 55 2. 65 3. 00		11 11 11 11 11 11 11 11 11 11 11 11 11	
Average	10	26	M	2, 56	4.6		July 1888	10	1		1. 90	11	44	
July 1885	10 10 10	1 5 2	M M M	2, 30 2, 40 2, 50	64 64	66 68	, 41, 1000	10 10 10 10	5 1 1 4	M M M	2. 00 2. 15 2. 20 2. 25 2. 30	11	64 64 65 65	
Average	10	8	М	2. 411	4.6	II.		10	6	\mathbf{M}	2.35	44	44	
Jan. 1886	10 10 10 10 10 10	2 1 1 4 5 5	M M M M M M	1.60 2.10 2.25 2.30 2.40 2.50	11	41 14 14 44 44	4	10 10 10 10 10	8 9 4 1 1 1	M M M M M M	2, 40 2, 45 2, 50 2, 55 2, 65 3, 00	44	46	
Average	10	18	M	2. 29		**	A verage Jan. 1889	10	52	М	2.37	44		
J uly 1886	10 10	1	M M	1.75 1.87	"	66	3 au. 1859	10 10	$\frac{1}{3}$	M M M	1.90 2.10 2.15	11	44 64	

METALS AND METALLIC GOODS: ESTABLISHMENT No. 69, NEW YORK—Continued.

MACHINISTS-Concluded:

Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
Jan, 1889- cone'd.	10 10 10 10 10	3 2 7 6 8	M M M M	\$2. 20 2. 25 2. 30 2. 35 2. 40	per	day.	July 1890	10 10 10 10	1 4 5 2 8	M M M M	\$2, 20 2, 25 2, 30 2, 35	16	day.
-	10 10 10 10 10	9 15 4 2 2	M M M M	2. 45 2. 50 2. 55 2. 65 2. 75	44	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		10 10 10 10 10	3 15 8 1	M M M M	2. 40 2. 45 2. 50 2. 55 2. 65	44 44	66 64 64 64
Average	10	1 64	- M M	3. 00 2. 41½	64			10	1 1	M M	2.75 3.50	"	44
July 1889	10 10 10 10 10 10 10 10 10 10 10	1 1 1 3 3 5 7 4 1 1 1	M M M M M NI NI M M M M	2.00 2.10 2.20 2.35 2.40 2.45 2.50 2.55 2.75 3.00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	61 64 64 64 64 64 64 64 64 64 64 64 64 64	Average Jan. 1891 Average	10 10 10 10 10 10 10 10 10	1 2 1 3 2 12 8 1 1	M M M M M M M M M	2. 46½ 2. 20 2. 25 2. 35 2. 40 2. 50 2. 55 2. 75 3. 50 2. 51	66 66 66 66 66 66	66 66 66 61 66 66 66
Jan. 1890	10 10 10 10 10 10 10 10 10 10	1 3 3 6 6 4 17 4 2 1	M M M M M M M M M	2. 00 2. 20 2. 25 2. 30 2. 35 2. 40 2. 45 2. 50 2. 55 2. 65 2. 75 3. 50		64 65 65 66 66 66 66 66 66	July 1891	10 10 10 10 10 10 10 10 10 10 10 10	.2 12 1 1 8 5 1 1 1	M M M M M M M M M	2. 00 2. 20 2. 25 2. 35 2. 40 2. 50 2. 62 2. 62 2. 65 2. 65 3. 50	66 66 66 66 66 66 66 66 66 66	46 46 46 46 44 44 46 46 46 46 46 46 46 4
Average	10	52	<u>M</u>	2.41	1.1		Average	10	25	M	2. 491	11	u

MACHINISTS' APPRENTICES,

Jan . 1851	10 10	2	M M	. 75 . 87½	- 11	r day.	Jan. 1857	10 10 10	1 3 1	M M M	. 75 . 87½ 1. 00		day.
Average	10	3	M	. 79	4.6	£ 4				36	057		
Jan. 1852-	10	1	М	. 40	6.6	4.6	. Average	10	5	M _.	. 87½	•••	
Jun. 1002	10	î	M	. 873	6.6	4.6	July 1858	10	3	\mathbf{M}	.58	44	4.4
	10	î	M	1.00	14	4.4	Jan. 1859	10	3	M	. 58	4.6	**
Average	10	3	M	. 76	1.1	4.4	July 1859	10	1	\mathbf{M}	. 40	6.6	6.6
							11 "	10	1	M	. 42	4.6	4.6
July 1852	10	1	M	, 50	4.6	6.6	11 1	10	1	\mathbf{M}	. 50	44	44
Jan. 1853	10	1	M	. 50	6.6	6.6	11 1	10	3	\mathbf{M}	. 58	4.5	14
				İ			11	10	1	M	. 621	4.6	44
July 1853	10	1	М	. 50	4.4	6.6		10	5	M	. 75	44	4.6
	10	2	M	1.00	**	4.5		10	4	M	. 87 <u>3</u>	••	**
Average	10	3	М	. 83½	4.6	6.6	Average	10	16	M	. 68½	4.4	44
Jan. 1854	10	2	м	1.00	4.4	. 64	Jan. 1860	10	2	M	. 50	6.6	4.4
July 1854	10	3	M	1.00	6.6	1.	0 11211	10	5	M	1.00	4.6	4.4
ошу 1831	10			1.00			li l.						
Jan. 1855	10	3	M	. 75		4.4	Average	10	7	M	. 85 ₃	1.1	46
• au. 1000	10	1	M	1.00		11		į					
1.							July 1860	10	4	М	. 50	4.6	44
Average	10	4	M	. 813	4.6	4.6]	10	1	M	.58	44	4.6
		- 1		-									

METALS AND METALLIC GOODS: ESTABLISHMENT No. 69, NEW YORK—Continued.

MACHINISTS' APPRENTICES-Continued.

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Payroll of	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of-	Hours per day.	Different employés.	Sex.	Rate	of	wages.
July 1860- conc'd.	10 10 10 10	1 1 1	M M M	\$0.62 .66 .87½ 1 00	per	day.	July 1866	10 10 10 10	2 2 2 2	M M M M	\$0.50 .60 .75 .92	per	day.
Average	10	9	М	. 631	"	44	Average	10	8	М	. 691	66	44
Jan. 1861	10 10 10 10	4 1 4 4	М М М М	. 50 . 58 . 75 1, 00	66 66	14 14 11	Jan. 1867	10 10 10 10	1 1 1 3	M M M M	. 35 . 50 . 60 . 75	44	66 66 46
Average	10	13	М	. 73½	4.6	6.5		. 10	1	_М	1.00	11	44
July 1861	10 10 10	2 1 3	M M M	.50 .66 1.00	6 E 6 E	66 66	Average July 1867	10	, 5	M	. 67	**	"
Average	10	6	М	. 771	6.6			10	6	М	. 75	66	44
Jan. 1862	10	1	M	. 50	68		Average	10	11	М	. 68	"	44
,	10 10 10	1 1 4	M M M	. 58 . 87½ 1. 00	66	16	Jan. 1868	10 10 10	3 1 5	M M M	. 75 . 83 . 92	44	64 64 61
Average	10	7	M	. 85	6.6	**		10 10	1 4	M M	1.00 1.08	44	6.6
July 1862	10 10 10	1 1 2	M M M.	$37\frac{1}{2}$ $87\frac{1}{2}$ 1.00	,64 64	66 66	Average	10	14	М	. 93	"	"
Average	10	4	м	. 811	-,,	"	July 1868	10 10	3 5	M	.75	. 66	64
Jan. 1863	10 10 10	3 1 1 1	M M M	. 37½ . 58 . 87½	11	66 16	Average	10 10	1 2 11	M M	1.00	**	**
	10		M	1.00	4.6	11						44	**
Average	10	5	M	. 76½	4.4	11	Jan. 1869	10 10 10	1 1 3	M M M	.50 .92 1.00	44	"
July 1864	10 10 10 10 10	1 1 2 1 1	M M M M	. 33 . 50 . 58 . 62 . 664	11	66 61 64	Average	10	9	M	1.08	**	
	10 10	3	M	. 75° 1. 00	4 E	44	July 1869	10 10	1 5	M M	. 50 1. 00	**	66
Average	10	12		.71	44	t t	1	10	5	M	1.08	"	**
Jan. 1865	10	1	М	. 33	4.6		Average	10	11	М	. 99	4.4	1.5
	10 10 10 10 10 10	1 2 1 1 2 4	M M M M M	.50 .58 .62 .66½ .75	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	64 64	Jan. 1870	10 10 10 10 10	1 1 1 1 2	М М М	. 50 . 67 . 75 1. 00 1. 08	64 66 66 66	64 66 64
Average		12		. 73		"	Average	10	6	М.	.*841	6.6	" ,
July 1865	10 10	1 1	M M	. 33	**	64	July 1870	10 10 10 10	3 I 1 1	М М М	. 50 . 67 . 75 1. 00	66	66 61 61
	10 10 10 10	2 1 2	M M M M	. 58 . 62 . 75 . 83	64	4 6 6 6 6 6	Average	10	8	<u>М</u>	1.08		14
	10	i	M	1.00	4.6	4.6	Jan. 1871	10 10	3	M M	. 50 . 67	"	"
Average	10	9	M	. 66	6.6	**		10	2	M	.75		**
Jan. 1866	10 10 10	1 1 1	M M M	. 50 . 92 1. 00	**	4 4 4 4	Average Jan. 1873	10	6	M M	. 61	**	11
Average	10	3	M	. 801	64	44	Jan. 1874 July 1875	10 10	1 1	M	. 66	44	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 69, NEW YORK—Continued.

MACHINISTS' APPRENTICES-Continued.

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Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages.
July 1876	10 10 10	1 1 1	M M M	\$0.33 .42 .871	per	day.	Jan. 1881- cone'd.	10	1	M	\$1, 12½ 1, 25	per	day.
Average	10	3	M	.54	44	44	Average	. 10	13	M	.84	**	
Jan. 1877	10	1	м	.42	4.6	44	July 1881	10	1	M	. 50	66	66
	10 10	1 1	M	.56	44	44		10	1	M	1,00	14	46
Average	10	3	M	. 62	64	40		10	1 2	M	1. 10	44	44
July 1877	10	1	М	, 37 <u>1</u>	44	64	Average	-	10	м	. 951	11	44
-	10 10	1	M	. 50	44	4.6				* *	1 "	66	
	10 10	1	M	. 62	66	44	Jan. 1882	10 10	3	M	. 50	64	66
Average	10	5	M	. 581		4)		10 10	2	M	1. 20 1. 25	11	11
Jan. 1878	10	1	M	.42	4.6	44	Average	10	, 10	M	, 96	44	44
	10 10	1 1	M	. 50	66	61	July 1882	10	1	M	. 42	**	46
	10	1	M	. 75	44	4.	Sury 1002	10 10	1 1	M	.50	11	44
Average	10	4	M	. 564	41	44	i	10	1 1	M	.65	46	44
July 1878	10 10	1 1	M	. 42	4.6	66		10	1 1	M	.85	66	66
	10	1	M	. 58	. "	66		10	7	M	. 66		44
Average	10	3	M	. 50	14	**	Average	10	'	M	1		
Jan . 1879	10 10	1 1	M	. 50	44		Jan. 1883	10 10	5 2	M	. 50	44	66
	10 10	1 1	M	. 65	64			10 10	2	M	1.10	14	44
	10	2	M	1.00	44	44		10	1	M	1.20		16
Average	10	6	М	. 741		44	Average	10	-11	M	.71	44	
July 1879	10 10	. 1	M	. 37	66		July 1883	10	2	M	. 42	64	
	10	2 4	M	. 62	44			10	2	M	. 70	44	4.5
	10	1	M	, 87	44			10 10	1	M	. 80	66	44
k	10 10	1	M M	1.00 1.12½	41	4.4		10	1	M	1. 25		
Average	10	11	М	. 73½		44	Average	10	11	M	. 69		
Jan. 1880	10			. 50	61		Jan. 1884	10	1 2	M	.50	4.6	64
·	10 10	3	M	.60	61			10	3	M	.70	66	"
_ ,	10 10	1	M	. 75	41	4.6		10	1 1	M	1.00	66	44
	10 10		M	1.00 1.15				10	î		1.30	- "	4.6
Average	10	13	М	.74			Averag	e 10	11	М	.79	**	**
July 1880	. 10		М	. 60	4		July 1884	10 10			.60	44	"
	10	1	_ M	. 75	4	4 66	-	10 10	1	M	.80	11	44
	10 10		M	1.00 1.12½			1	10	1	_ M	1, 10 1, 30	66	44
Averag		_	М	. 791	٠		Averag	e 10		_	. 84	- "	64
Jan. 1881	10			. 50			11		1 .			66	44
-	10	1	M	.60	- 4	4 44	Jan. 188	10	1	. I м	.70	6.6	4.6
	10 10	3	M	.75		4 44		10	1	. M	. 80	6.6	
	10	3		1.00				10 10		М	1.00		44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 69, NEV YORK—Continued.

MACHINISTS' APPRENTICES -Concluded.

Payroll of—	Hours per day.	Different employés	Sex.	Rate	of	wages.	Payroll of—	Hours per day.	Different employés.	Sex.	Rate	of v	vages
Jan. 1885- cone'd.	10 10	-1	M · M	\$1, 25 1, 30	per	day.	July 1888-	10 10	1 1	M M	\$1.00 1.10	per	day.
Average	10	11	M	. 911	11		Average	10	5	, M	. 821	4.6	66
July 1885	10	1	м	.70		4.4	Jan. 1889	10	1	M	. 50	6.6	44
0 413 2000	10	2	M	. 75	6.4	4.6		10	1	M	. 55	6.6	* *
	10	1	M	. 80	6.6	44		10	1	M	.75	44	66
	10	2 3	M	. 90	44	44		10 10	1	M	. 80 1. 10	44	6.6
	10	3	M.	1, 10		••		10	1	M	1. 20	4.6	74
Average	10	9	M	. 90	4.6	44		10	6	М	. 813	16	ĩi
Jan. 1886	10	3	M	. 75	6.4	64	Average	10			.013		
	10	' I	M	. 80	6.4	34	July 1889.	10	1	M	. 50	6.6	64
	10	2	M	. 90	4.6	44		10	1	M	. 70	66	46
٠,	10	3	M	1. 10	11	**	ll .	10	1	M M	. 75 . 80	64	"
A mona mo	10	9	M	. 904	4.6	66		10 10	1 1	M	. 90	44	66
Average	10	9	391.	. 902			.	10	1	M	1. 25	4.6	6.6
July 1886	10	1	M	. 50	6.6	4.6	11					•	
-	10	2	M	. 65	66	44	A verage	10	6	M	. 813	6.6	**
	10	1	M	. 70		44	T- 1000	10	1	М	. 50		66
	10 10	3	M	1.00	14	44	Jan. 1890:	10	1	M	. 65	6.6	4.6
	10	ĭ	M	1. 25	4.6	4.6	H	10	3	M	.90	6.6	6.6
			-	·	í i	44	11	10	1	M	1.00	44	66
Average	10	9	M	. 84	"	**	1	10	1	M	1.35	••	
Jan. 1887	10	2	M	, 50	"	44	Average	10	7	M	. 881	6.6	4.6
	10	1 1	M	. 70	- 64	66	T-1-1000	10	, ,	м	. 60	64	44
	10 10	1	M	. 75		44	July 1890	10	1 1	M	.80	6.6	14
	10	i	M	1.10	6.6	44		10	i	M	. 85	6.6	66
	10	î	M	1. 20	t t	44		10	2	M	1.15	11	6.6
								10	1	M	1.25	6.6	6.6
Average	10	7	M	. 791	**	44		10	1	М	1.35	4.4	£¢.
July 1882	10	1	M	. 50	11	; ·	Average	10	7	М	1.02	44	66
	10 10	1 2	M	. 60	46	44	Jan. 1891	10	1	м	.75	6.6	44
	10	1	M	1.00	44	44	ояп. 1891;	10	1	M	1.00		6.6
	10	î	M	1. 20	4.4	4.6	11	10	î	M	1. 20	4.4	1.6
							1	10	2	M	1. 25	4.4	61
Average	10	6	M	. 80	"	**		10 10	1	M	1.40 1.45	6.6	66
Jan. 1888	10	2	M	. 50	6.6	44							
A WIT: 1000	10	2	M	.75	64	64	Average	10	7	M	1.181	6.6	44
	10	ī	M	1. 25	64	ŧŧ	July 1891	10	1	м	1.00	4.6	4.6
							2 (17 1891	10	2	M	1. 25	4.6	44
Average	10	5	M	.75	4.6	41		10	ī	M	1.38	11	16
			İ					10	1	M	1.40		11
J uly 1888	10	1	M	. 60	6.6		1	10	1	M	1.45		**
	10	1	. M	. 67	64			7.0		3.5	7.00		44
	10	1	M	. 75	•••		Average	10	6	M	1. 29	,	

MACHINISTS' HELPERS.

Jan. 1851	10 10 10 10	10 2 1	M M M M	. 75 . 871 1. 00 1. 121	41	day.	July 1852	10 10	1 1	M M M	1.00 1.12½ 1.25	66	day "
	10		M	1. 25	•••	••	Average	. 10	6	М	1.061	••	
Average	10	15	M	, 84	44	4.4	ļ						
			1				Jan. 1853	10	4	M	1.00		6.6
July 1851	10	1	м	1, 00	44	41		10	1	М	1, 25	14	"
Jan. 1852	10	4	\mathbf{M}	1.00	44	4.6	Average	10	5	M	1.05	6.6	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 69, NEW YORK -Continued.

MACHINISTS' HELPERS-Continued.

Payroll of—	Hours per day.	Different employés.	Sex	Rate of wages.	Payroll of-	uay.	Different employés.	Sex.	Rate	of w	ages.
July 1853 Jan. 1854 July 1854	10 10 10 10	3 2 3	M M M M	\$1.00 per day. 1.00 """ 1.00 """	July 1866	10 10 10	1 1 1	M M M	\$1.25 1.37 <u>1</u> 1.50	per d	lay.
Jan. 1855 Jan. 1856 Jan. 1857	10 10	1 14	M	1.00 " "	Average	10	3	М	1.371	6.6	"
Jan. 1859	10 10	4 3	M M	1.00 " " "	Jan. 1867	10	1	M	1. 12½ 1. 37½		44
Average	ļ	7	M	1.101 " "	Average	i	2	M	1. 25	**	
July 1859	10	4	M	1.00 " "	Jan. 1869 July 1869	10 10	3	M	1. 25 1. 25	4.1	**
	10	3	М	1. 12½ " " 1. 25 " "	Jan. 1870	10 10	3 1	M	1. 25 1. 33½	11	"
Average	10	8	М	1.11 " "	Average	- 	4	M	1. 27	4.6	61
Jan. 1860	10	3	М	1. 25	July 1870	10	3	M	1. 25	44	"
July 1860	10	1 1	M	1.00 " "	Avorage	10 e 10	1 4	M	1 33½	4.4	44
A arouth in	19	4	M	1. 25 " " "	Jan. 1871		2	M	1. 25		44
Average Jan. 1861	i 13	1	M	1. 121 " "		10	1	- <u>M</u>	1. 331		
,	10	4	M	1.25 " "	Average		3	M	1. 28		**
Average		5	M	1. 22½ " "	Jan. 1874 July 1875		i	M	1. 50		6.6
July 1861	10 10 10	1 2 5	M	1. 12½ " " 1. 25 " "	July 1876	10 10	1 1	M M	1, 40 1, 50		4.6
Averag	e 10	8	M	1. 181 " "	Averag	1	2	M	1.45	44	
Jan. 1862	10			1. 25 " " " 1. 37½ " "	Jan. 1877	10 10 10		M M M	1.00 1.25 1.50	**	6 L
Averag	e 10	7	М	1.27 " "	Averag	e 10	6	M	1.33		. 1
July 1862	10 10			1.00 " " " 1.25	July 1877	10	2	M	1. 25 1. 40	4 + 1 1 4 1	66
Averag	e 10	5	М	1.15 " "		10	_'	_'	1. 50		
Jan. 1863	3 10	2	M		Jan. 1878	1	1	i	1. 00		::
July 186	10			1.00 " " " 1.121 " "	Jan. 1076	10	2	M	1. 125 1. 25	64	44
	10 10) 3	M			10 10	1 4	M	1.30	6.6 6.6	14 14
Averag	e 10	7	M	1. 23 " "		10		-¦		- "	**
Jan. 186				1.00 " "	Averag					1 11	44
-	10 10) [3 M	1. 25 " "	0 31, 201	10	1		1.25	- "	44
Averag	1		7 М	1. 23 " "	Averag	re 10	0		1	_	"
July 186	5 10	' 1	M M	1. 25 ""	Jan. 187	9 10 10 10) 2	M M	1. 12 1. 30	2 "	44
	10	6 5	M M	1.371		10)	_'		-	44
_ — Averag	·	_	3 M	1. 29½ " "	Averag	1		M S		₫	44
Jan. 186			ш	1.371 " "	July 187	9 10		M		¥ "	**

METALS AND METALLIC GOODS: ESTABLISHMENT No. 69, NE' YORK—Continued.

MACHINISTS' HELPERS-Continued.

Conc'd. 1 1 Average 1 Jan. 1880 1 1 1 Average 1 July 1880 1 1 1 Average 1 July 1881 1 1 1 Average 1 July 1881 1 1 1 Average 1 July 1882 1 1 Average 1 July 1882 1 1 Average 1 July 1882 1 1 Average 1 July 1883 1 1 Average 1 July 1883 1 1 Average 1 July 1883 1 1 Average 1 July 1883 1 1 Average 1 July 1883 1	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M M M M M M M M	\$1.30 1.40 1.45 1.27\frac{1}{2} 1.00 1.15 1.20 1.30 1.40 1.50 1.50 1.37\frac{1}{2} 1.40 1.50 1.37\frac{1}{2} 1.40 1.50 1.65 1.37\frac{1}{2} 1.40 1.50 1.37\frac{1}{2} 1.40 1.50 1.37\frac{1}{2} 1.40 1.50 1.37\frac{1}{2} 1.40 1.50 1.37\frac{1}{2} 1.40 1.50 1.37\frac{1}{2} 1.40 1.50 1.37\frac{1}{2} 1.40 1.50 1.37\frac{1}{2} 1.40 1.50 1.37\frac{1}{2} 1.40 1.50 1.37\frac{1}{2} 1.50 1.37\frac{1}{2} 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50	44 44 44 44 44 44 44 44 44 44 44 44 44	*day.	Jan. 1885 Average July 1886 Average Jan. 1886 Average Jan. 1887 Average July 1887 Average July 1887	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1 4 1 1 6 6 1 2 3 5 6 2 2 2 10 8 2 4 4 2 16 6 5 1 2 14 7 7 7	M M M M M M M M M M M M M M M M M M M	\$1. 40 1. 50 1. 60 1. 50 1. 30 1. 35 1. 33½ 1. 35 1. 40 1. 50 1. 50 1. 70 1. 43½ 1. 40 1. 50 1. 70 1. 40 1. 50 1. 70 1. 40 1. 50 1. 70 1. 40 1. 50 1. 70 1. 40 1. 50 1. 65 1. 70 1. 65 1. 75 1. 60 1. 65 1. 75 1. 50	per	day
Jan. 1880 1 1 1 1 1 1 1 1 1	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1 2 1 1 2 1 1 2 1 1 1 2 1 1 1 1 1 1 1 1	M M M M M M M M M M M M M M M M M M M	1. 00 1. 15 1. 20 1. 30 1. 40 1. 50 1. 28 1. 25 1. 37½ 1. 40 1. 31½ 1. 40 1. 50 1. 31½ 1. 37½ 1. 40 1. 50 1. 37½ 1. 40 1. 50 1. 37½ 1. 40 1. 50 1. 37½ 1. 37	114 115 116 116 116 116 116 117 117 117 117 117	21 14 14 14 14 14 14 14 14 14 14 14 14 14	July 1885 Average Jan. 1886 July 1886 Average Jan. 1887 Average July 1887	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1 2 3 5 6 2 2 2 10 8 2 4 2 2 16 6 5 1 2 14 7	M M M M M M M M M M M M M M M M M M M	1. 30 1. 33½ 1. 35 1. 35 1. 35 1. 30 1. 50 1. 50 1. 40 1. 50 1. 40 1. 65 1. 75 1. 40 1. 65 1. 75	11 11 11 11 11 11 11 11 11 11 11 11 11	
Average July 1880 Average Jan. 1881 Average July 1881 Average July 1882 Jan. 1882 Average July 1882 July 1883 Average July 1883	10 10 10 10 10 10 10 10 10 10 10 10 10 1	2 11 12 2 11 8 8 2 6 6 6 6 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M M M M M M M M	1. 15 1. 20 1. 40 1. 50 1. 28 1. 25 1. 37 1. 40 1. 32 1. 25 1. 37 1. 40 1. 50 1. 31 1. 40 1. 50 1. 31 1. 40 1. 50 1. 41 1. 50 1. 45 1. 45 1. 31 1. 31 1. 40	11	64 64 64 64 64 64 64 64 64 64 64 64 64 6	Average Jan. 1886 July 1886 Average Jan. 1887 Average July 1887 Average	10 10 10 10 10 10 10 10 10 10 10 10 10 1	3 5 6 2 2 10 8 2 4 2 16 6 5 1 2	M M M M M M M M M M M M M M M M M M M	1. 35 1. 35 1. 35 1. 40 1. 50 1. 39 1. 40 1. 50 1. 70 1. 43 1. 40 1. 50 1. 50 1. 43 1. 40 1. 50	11 11 11 11 11 11 11 11 11 11 11 11 11	
Average July 1880 Average Jan. 1881 Average July 1881 Average July 1882 July 1882 July 1882 July 1882 July 1883 Average July 1883	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1 1 2 1 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1	M M M M M M M M M M M M M M M M M M M	1. 20 1. 30 1. 40 1. 50 1. 28 1. 25 1. 37½ 1. 40 1. 32 1. 37½ 1. 40 1. 31½ 1. 35½ 1. 37½ 1. 40 1. 35½	44 44 44 44 44 44 44 44 44 44 44 44 44	44 44 44 44 44 44 44 44 44 44 44 44 44	Jan. 1886 July 1886 Average Jan. 1887 Average July 1887 Average	10 10 10 10 10 10 10 10 10 10 10 10 10 1	3 5 6 22 10 8 2 4 4 2 16 6 5 1 2	M M M M M M M M M M M M M M M M M M M	1. 33½ 1. 35 1. 35 1. 40 1. 50 1. 39 1. 35 1. 40 1. 50 1. 60 1. 70 1. 43½ 1. 40 1. 65 1. 75 1. 50½ 1. 40	44 44 44 44 44 44 44 44 44 44 44 44 44	44 44 44 44 44 44 44 44 44 44 44 44 44
Average July 1880 Average Jan. 1881 Average July 1881 Average July 1882 Jan. 1882 Jan. 1882 Jan. 1882 Jan. 1883 Average July 1883 July 1883	10	2 11 8 2 6 16 6 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1	M M M M M M M M M M M M M M M M M M M	1.50 1.28 1.25 1.37½ 1.40 1.32 1.25 1.37½ 1.40 1.50 1.31½ 1.45½ 1.45½ 1.35	44 44 44 44 44 44 44 44 44 44 44 44 44	44 44 44 44 44 44 44 44 44 44 44 44 44	July 1886 Average Jan. 1887 Average July 1887	10 10 10 10 10 10 10 10 10 10 10 10 10 1	16 6 2 2 2 10 8 8 2 4 4 2 16 6 5 1 2 14 7	M M M M M M M M M M M M M M M M M M M	1. 35 1. 40 1. 50 1. 39 1. 35 1. 40 1. 50 1. 70 1. 431 1. 50 1. 65 1. 75 1. 501 1. 40	64 64 64 64 64 64 64 64 64 64 64 64 64	44 44 45 46 46 46 46 46 46 46
July 1880 1 1 1 1 1 1 1 1 1	10 10 10 10 10 10 10 10 10 10 10 10 10 1	8 2 6 6 16 6 1 2 2 J J 10 11 1 1 1 2 2 1 1	M M M M M M M M M M M M M M M M M M M	1. 25 1. 37½ 1. 40 1. 32 1. 25 1. 37½ 1. 40 1. 50 1. 35 1. 37½ 1. 40 1. 50 1. 65 1. 40 1. 50	64 64 64 64 64 64 64 64 64 64 64 64 64 6	46 46 46 46 46 46 46 46 46 46 46 46 46 4	Average Jan. 1887 Average July 1887 Average	10 10 10 10 10 10 10 10 10 10 10 10 10	10 8 2 4 2 16 6 5 1 2	M M M M M M M M M M M M M M M	1. 40 1. 50 1. 39 1. 35 1. 40 1. 50 1. 70 1. 43 1. 60 1. 65 1. 75 1. 50 1. 50 1. 40	44 44 44 44 44 44 44 44 44 44 44 44 44	66 66 66 66 66 66 66 66 66 66
Average 1 Jan. 1881 1 Average 1 July 1881 1 Average 1 July 1882 1 Average 1 Average 1 Average 1 Average 1 July 1882 1 Average 1 July 1883 1 Average 1 July 1883 1	10 10 10 10 10 10 10 10 10 10 10 10 10 1	2 6 6 16 6 1 1 2 1 1 1 1 1 2 1 1 1 2 1 1 1 1	M M M M M M M M M M M M M M M M M M M	1. 37½ 1. 40 1. 32 1. 25 1. 37½ 1. 40 1. 50 1. 31½ 1. 35½ 1. 37½ 1. 50 1. 65 1. 45½ 1. 30 1. 35	44 44 44 44 44 44 44 44 44 44 44 44 44	66 66 66 66 66 66 66 66 66 66 66 66 66	Jan. 1887 Average July 1887 Average	10 10 10 10 10 10 10 10 10 10 10 10	10 8 2 4 2 2 16 6 5 1 2	M M M M M M M M M M M M M M M M M M M	1.50 1.39 1.35 1.40 1.50 1.70 1.431 1.40 1.50 1.50 1.50 1.40 1.50	"" "" "" "" "" "" "" "" "" "" "" "" ""	66 65 68 64 66 66 66 66
Average Jan. 1881 Average July 1881 Jan. 1882 Jan. 1882 Average July 1882 Average July 1883 Average July 1883	10	16 6 1 2 1 1 1 1 1 2 1 1 1 2 1 1 1 1 2 1 1 1 1 1 2 1	M M M M M M M M M M M M M M M M M M M	1. 40 1. 32 1. 25 1. 37½ 1. 40 1. 50 1. 31½ 1. 35 1. 37½ 1. 40 1. 50 1. 65 1. 45½ 1. 30 1. 35	46 46 46 46 46 46 46 46 46 46 46 46 46 4	66 66 66 66 66 66 66 66 66 66 66 66 66	Jan. 1887 Average July 1887 Average	10 10 10 10 10 10 10 10 10 10	16 6 5 1 14	M M M M M M M M M	1. 35 1. 40 1. 50 1. 70 1. 431 1. 40 1. 50 1. 65 1. 75 1. 501 1. 40		65 68 61 66 66 66 66 66 66 66
Jan. 1881 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 10 10 10 10 10 10 10 10 10 10 10 10 1	10 10 13 14 1 10 11 12 12 1	M M M M M M M M M M M M M	1. 25 1. 37½ 1. 40 1. 50 1. 31½ 1. 35 1. 37½ 1. 40 1. 50 1. 45½ 1. 30 1. 35	44 44 44 44 44 44 44 44 44 44 44 44 44	46 46 66 66 66 66 66 66 66 66 66 66 66 6	Average July 1887 Average	10 10 10 10 10 10 10 10 10 10	2 4 2 16 6 5 1 2	M M M M M M M M	1. 40 1. 50 1. 70 1. 431 1. 40 1. 50 1. 65 1. 75 1. 501		66 66 66 66 66 66 66 66
Average 1 July 1881 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 10 10 10 10 10 10 10 10 10 10 10 10 1	10 10 13 14 1 10 11 12 1	M M M M M M M M M	1.37½ 1.40 1.50 1.31½ 1.35 1.37½ 1.40 1.50 1.45½ 1.30 1.35	44 45 46 46 46 46 46 46	66 66 66 66 66 66 66 66 66	July 1887	10 10 10 10 10 10 10 10 10	16 6 5 1 2	M M M M M M M	1.50 1.70 1.431 1.40 1.50 1.65 1.75 1.502 1.40	66 66 66 66 66	66 66 66 66 66 66
Average 1 July 1881 1 Average 1 Jan. 1882 1 Average 1 Average 1 Average 1 July 1883 1 Average 1 July 1883 1	10 10 10 10 10 10 10 10 10 10 10 10 10 1	10 13 13 14 1 10 10	M M M M M M M M M	1, 40 1, 50 1, 31½ 1, 35 1, 37½ 1, 40 1, 50 1, 65 1, 45½ 1, 30 1, 35	46 46 46 46 46 46	66	July 1887	10 10 10 10 10 10	16 6 5 1 2	M M M M M	1. 434 1. 40 1. 50 1. 65 1. 75 1. 504 1. 40	44 44 44 44 44	66
Average July 1881 Average Jan. 1882 Average July 1882 July 1882 Average July 1883 July 1883	10 10 10 10 10 10 10 10 10 10 10 10	1 3 1 4 1 10 10 1 1 2 1	M M M M M	1. 31½ 1. 35 1. 37½ 1. 40 1. 50 1. 65 1. 45½ 1. 30 1. 35	46 46 46 46	44 64 66 84 84	July 1887	10 10 10 10 10	6 5 1 2	M M M M	1. 40 1. 50 1. 65 1. 75 1. 50½ 1. 40	44 44 44	46
Average 1 Jan. 1882 1 Average 1 Average 1 Average 1 Average 1 July 1883 1 Average 1 July 1883 1	10 10 10 10 10 10 10 10 10 10 10	10 10 11 12 1	M M M M M M M	1. 37½ 1. 40 1. 50 1. 65 1. 45½ 1. 30 1. 35	66 66 66 66	66 66 66 81	i - i	10	1 14 7	M M M	1. 65 1. 75 1. 50½ 1. 40	64 64	44
Average 1 Average 1 Average 1 Average 1 Average 1 Average 1 Average 1 Jan. 1883 1 Average 1 July 1882 1 July 1883 1	10 10 10 10 10 10 10 10 10	1 4 1 10 1 1 1 2 1	M M M M M M	1. 40 1. 50 1. 65 1. 45½ 1. 30 1. 35	66 66 66	66 66	i - i	10	14	M M	1.50½ 1.40	66	44 64
Average 1 Average 1 Average 1 Average 1 Average 1 Average 1 Average 1 July 1883 1 July 1883 1	10 10 10 10 10 10 10	10 11 1 2 1	M M M M	1. 65 1. 45½ 1. 30 1. 35	"	66	i - i	10	7	м	1.40		"
Jan. 1882 1 1 1 1 1 1 1 1 1	10 10 10 10 10	1 1 2 1	M M M	1.30 1.35		44	Jan. 1000					44	-
Average 1 Average 1 Average 1 Average 1 July 1883 1 Average 1 July 1883 1	10 10 10 10	1 2 1	M	1.35					7				
Average 1 Average 1 Average 1 Average 1 July 1883 1 Average 1 July 1883 1	10 10 10	2 1	M			4.4	Average	10	14	M	1.45	44	66
Average July 1882 Average Jan. 1883 Average July 1883		7		1.40	4.4	44	July 1888	10 10	4 6	M M	1.40 1.50	"	14
July 1882 1 1 1 1 1 1 1 1 1	10 1		<u>M</u>	1.50	£ L	**		10	1	М	1, 70	4.6	
Average 1 Average 1 July 1883 1	- 1	12	M	1.44	44	1 44	Average	10	11	M	1.48	44	41
Average 1 Average 1 July 1883 1	10 10 10	2 15 6	M M M	1.37	16	44	Jan. 1889	10 10	5 7	M M	1.40 1.50	**	41
Jan. 1883 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10	ĭ	M	1. 50 1. 60	**	44		10 10	1	M	1.60 1.70	66	44
Average 1 July 1883 1	10	24	M	1.43	44	14	Average	10	14	М	1.48	4.	46
Average 1 July 1883 1	10 10	3 6	M	1.40 1.50	64	44	July 1889	10	1	м	1.40	66	"
July 1883	10	1	М.	1. 621		46		10 10	7	M	1.50	66	66
	10	10	M	1.481		66	Average	10	9	M	1.51	66	4.6
_ 1	10 10 10	4 3 2	M	1.40	66	61 61	Jan. 1890	10	2	м	1.40		44
	10	9	М	1.60	- 44	**		10 10	5	M	1.50 1.621	14	44
	10	4	м	1.40	16	41		10 10	1	M	1.65 1.70	11	64
1	10 10	5	M	1.50	14	4.6	Average	10	10	м	1.521	44	46
1	10	1	М	1. 621		11	July 1890	10	2	м	1,40	*	44
-	10	11	M	1.48		**	1 2000	10 10	1 6	M	1.45	11	66
. 1	10 10	1 5 2	M M M	1.40 1.50	64	4.6	11	10	ĭ	M	1.621	6.6 6.6	44
Average 1				1.60	4.4	46		10 10	î	M	1.70	66	44

METALS AND METALLIC GOODS: ESTABLISHMENT No. 69, NEW YORK—Concluded.

MACHINISTS' HELPERS-Concluded.

Payroll Four per day	Different employés. Se	. Rate of wages.	Payroll of—	Hours per day.	Different employes.	Sex.	Rate of wages.
Jan. 1891 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 M 0 1 M 0 1 M	1. 55 1. 623 " " " 1. 70 " " " 1. 85 " "	July 1891 Avorage	10 10 10 10	5 1 1 1 1	M M M M	\$1.50 per day. 1.62½ " " " 1.70 " " " 1.85 " " " 1.58½ " "

PATTERNMAKERS.

Jan. 1866	10	1	M	2. 623	per	day	.	Jan. 1887	10	1 1	М	2.00	per	day.
Jan. 1867	10	1	M M	2. 625			i		10	1	M	2.50		41
July 1870	10	1	M	1.50 1.50		4.6	- 1		10	2	M	0.05	4.6	44
Jan. 1871	10	+	M	1.75		4.4		Average	10		IVI	2. 25		••
July 1872	10	1 1	M	1.75		6-6	- 1	July 1887	10	2	M	2. 25	66	44
Jan. 1878		1	M	1. 75	4.4	6.6		9 miy 1001	10	1	M	2, 60	66	44
Jan. 1879	10 10	1 1	M	1. 75		4.6			. 10	1	TAIL	12,00		
July 1879	10	1 1	M	1.75	4.6	6.6		Average	10	3	M	2. 361		14
Jan. 1880	10	†	71	1. 85		44	- 1	Average	LU		.1331	2.002		
July 1880 Jan. 1881	10	1 1	M	2.00		4.6		Jan. 1888	10	1	M	2. 25	64	61
July 1881	10	† i	М	2, 30	6.6	4.6	- 1	Dan. 1000	10	î	M	2.50	4.6	64
Jan. 1882	10	1	M	2.30	11	4.6			10	1	M	2, 60	64	44
	10	1	M	2.50	64	6.6		1 1				μ, ου		
July 1882 Jan. 1883	10	1	M	2, 50	4.6	4.4	i	Average	10	3	M	2.45	4.6	44
July 1883	10	1	M	2.50	4.6	6.6		HITTEGU			***	2. 10		
Jan. 1884	10	î	M	2.50	6.6	4.6		July 1888	10	1	M	2 60	4.6	4.6
July 1884	10	i	M	2.50	1.1	11		Jan. 18:9	10	î	M	2.60	6.6	4.6
Jan. 1885	10	î	M	2.50	6.6	4.6 1	- 1	July 1889	10	ī	M	2.60	11	6.6
July 1885	10	í	M	2.40	8.6	4.4		Jan. 1890	10	ī	31	2,60	4.6	6.6
o ury roca	10			2. 10			i	V 6021, 2000		_		_, _,		
Jan. 1886	10	1	M	2, 30	6.6	6.6		July 1890	10	1	\mathbf{M}	2.50	44	44
ban. 1000	10	î	M	2.40	44	44		0 443	10	ī	$\overline{\mathbf{M}}$	2.60	6.6	66
	10						- 1	1	-					
Average	10	2	м	2, 35	4.4	44		Average	10	2	\mathbf{M}	2.55	6.6	44
		_		_,										
July 1886	10	2	M	2, 50	4.6	4.4		Jan. 1891	10	1	M	2.75	6 1	4.4
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		_						1						
get 1						_							-	

